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Indigo DISTRIBUTION

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equip

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WWW.CONCEPTRONIC.NET

amroad

2014

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Since 1991, Level One has grown from its European grassroots to an international organization represented in - more than 65 countries around the world.

Level One has always insisted on uncompromising quality **German** standards at competitive price.

"Level One" to offer the market its.

Wireless LAN	Home-Plug LAN	POE LAN,	Broadband Router
ADSL Router	Printer Server	IP Network Camera	NAS series
Projector Server	KVM Switch	Palm Switch	SoHo Switch
Media Converter	Interface Card	Network Adapter	VoIP

By drawing on our professional, marketing strategies, we can firmly establish the marketability of a product and our sales results support this statement.

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Core Product Group

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IP Camera

Bullet / Dome / Fisheye / PTZ

- **IP Surveillance**
  - IP Cameras & Feature Highlights
  - NVR (Network Video Recorder)
  - Software NVR (CamSecure replacement)
  - CMS

Optical Zoom

- Long range while maintains high quality image

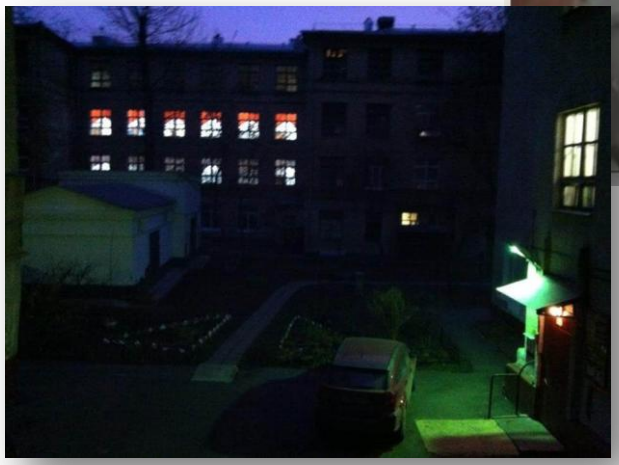
Low Light Sensitivity

Super Low Light enabled

Other cameras

Low Light Sensitivity

Other cameras



Super Low Light enabled

Wide Dynamic Range

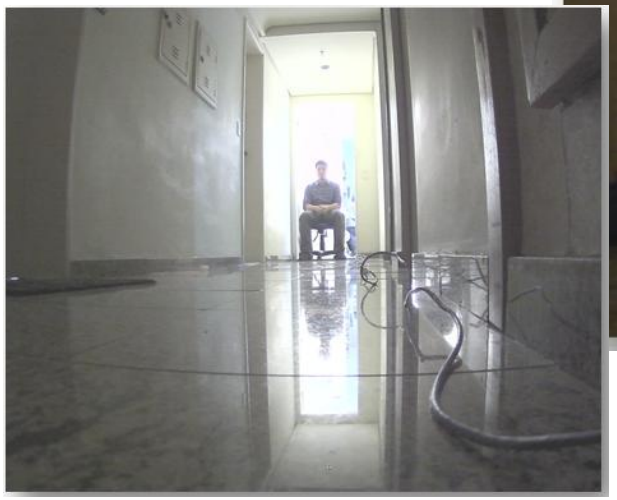
WDR enabled

WDR off

Wide Dynamic Range

WDR enabled

WDR off



Wide Dynamic Range

LevelOne FCS-4042

Axis Q6035

Wide Dynamic Range

Axis Q6035

LevelOne FCS-4045

Sony SNC-ER5XX

FCS-5061 and FCS-5051

Day/Night 5-Megapixel and 2-Megapixel PoE Outdoor Network Camera

- 5-Megapixel (2592 x 1944) high-definition resolution
- Supports H.264/MJPEG and dual streams
- Minimum Illumination: 0 Lux/F1.5 (IR On)
- Removable IR-cut filter for day/night viewing
- Built-in Infrared LEDs for night viewing up to 30m
- Micro SD/SDHC card slot for local storage
- Cable Management bracket for Protected Installation
- Analog video backup via BNC connector
- Triple power support: 12V DC / 24V AC/ PoE (802.3af)
- Free 64-CH Monitoring Software (supports iCamSecure Apple App and iOS Safari)

FCS-5056

- 3 megapixel Sensor
- Up to 2048 x 1536 @ 15 fps
- 4.2mm fixed-focal Lens
- Day & Night w 30M IR
- Wide Dynamic Range (74dB)
- H.264 High Profile + MJPEG
- Multiple Stream support
- IP68 weather proof
- IK10 vandal proof
- Operation temperature -40 to 50C
- IEEE 802.3af PoE standard
- ONVIF

FCS-5056

FCS-5042

- 2-Megapixel (1920 x 1080)
- Supports 10x optical zoom
- Auto focus
- Built-in infrared LEDs for night viewing up to 30m
- Compression: H.264/MPEG-4/MJPEG
- Removable IR-cut filter for day and night surveillance
- Built-in Micro SD/SDHC card slot for local storage
- Dual power support: 12VDC/PoE (IEEE 802.3af)

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ONVIF

FCS-1131 **Hardware version: 1**

2-Megapixel PoE Network Camera

- 2-Megapixel Progressive Scan CMOS Sensor
- Dual streaming simultaneouly
- H.264 and MJPEG Compression
- True Day/Night with Infrared Cut Filter (ICR) IR Sensitive
- Power over Ethernet (802.3af)
- Local storage with Micro SD/SDHC slot
- Two-way audio
- BNC connector for analog video output
- Motion Detection & Privacy Masks
- Free software included (Industry-leading 64-channel IP CamSecure software)

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ONVIF

FCS-3071 **Hardware version: 1**

2-Megapixel PoE Dome Network Camera

- 2-Megapixel Progressive Scan CMOS Sensor
- Dual streaming simultaneouly
- H.264 and MJPEG Compression
- Shockproof for Rolling Stock Applications
- Weatherproof IP66 housing & RJ-45 dongle cable
- Micro SD/SDHC Card Slot for On-Board Storage
- Powered by PoE(802.3af) Only
- Free software included (Industry-leading 64-channel IP CamSecure software)

FCS-3055

- 3 megapixel Sensor
- Up to 2048 x 1536 @ 15 fps
- 2.8-12mm vari-focal Lens
- Day & Night w 30M IR
- Wide Dynamic Range (74dB)
- H.264 High Profile + MJPEG
- Multiple Stream support
- IP67 weather proof
- IK10 vandal proof
- Operation temperature -40 to 50C
- IEEE 802.3af PoE standard
- ONVIF

FCS-3055

FCS-3081

- 2-Megapixel (1920 x 1080)
- Built-in infrared LEDs for night viewing up to 25m
- Vandal-proof and weatherproof IP66-rated
- Operating temperature (-35°C to 50°C)
- WDR (Wide Dynamic Range)
- 3DNR (3-Dimension Noise Reduction)
- Built-in Micro SD/SDHC card slot for local storage
- Digital input/output (1DI/1DO) for sensor and alarm
- BNC connector for analog video output
- PoE (IEEE 802.3af)
- ONVIF

FCS-3092

- 5 megapixel Sensor
- Up to 2592 x 1944 @ 15 fps
- 180 / 360 degree view
- H.264 High Profile + MJPEG
- Multiple Stream support
- Wide Dynamic Range (WDR)
- IK08 vandal resistant
- Operation temperature -10 to 50C
- IEEE 802.3af PoE standard
- ONVIF

FCS-3092

FCS-3094

- 10 megapixel Sensor
- Up to 3648 x 2736 @ 6 fps
- 180 / 360 degree view
- Day & Night sensor
- H.264 High Profile + MJPEG
- Multiple Stream support
- Wide Dynamic Range (WDR)
- Operation temperature -10 to 50C
- IEEE 802.3af PoE standard
- ONVIF

FCS-3094

FCS-4042

- 2 megapixel Sensor
- Up to 1920 x 1080 @ 30 fps
- 30x optical zoom
- Pan & Tile (endless)
- Auto focus
- Day & Night sensor
- Super low light sensitivity
- Super WDR (145dB)
- IP66 rated weather proof
- IK10 vandal proof
- IEEE 802.3at PoE
- Onvif

FCS-4042

FCS-4043

- 3MP resolution (2048 x 1536)
- 10x optical zoom
- Pan & Tile
- Auto focus
- Day & Night sensor
- Super WDR (107dB)
- IP66 rated weather proof
- IK10 vandal proof
- IEEE 802.3af PoE
- Onvif

FCS-4043

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WCS-6050

- 5-Megapixel (2560x1920)
- Compatible with IEEE 802.11b/g/n
- Built-in infrared LEDs for night viewing up to 10m
- Supports 355° pan and 135° tilt
- Built-in microphone and external speaker for 2-way audio communication
- Built-in SD/SDHC card slot for local storage
- Digital input/output (1DI/1DO) for sensor and alarm
- Supports motion detection and event notification via e-mail or FTP

NVR

Standalone Network Video Recorder

NVR

- Manage up to 4/9/16 IP cameras
- 2 x HDD Bay for 3.5inch SATA disks
- Local display up to 4-Megapixel resolution
- Remote display up to 10-Megapixel resolution
- Recording up to 48Mbps throughput
- Live view with multiple window layouts
- 4/9/16 channels synchronized playback
- Schedule, event triggered and manual recording
- PTZ and speed control, preset points and tours, mouse PTZ
- Time and event based search
- Playback with 1/2x-1x-32x speeds with AVI/RAW video export function
- Event management with motion detection and DI/DO
- Built-in DHCP server support
- HDMI Local display
- 1000Mbps Gigabit Ethernet port

NVR-1204
NVR-1209
NVR-1216

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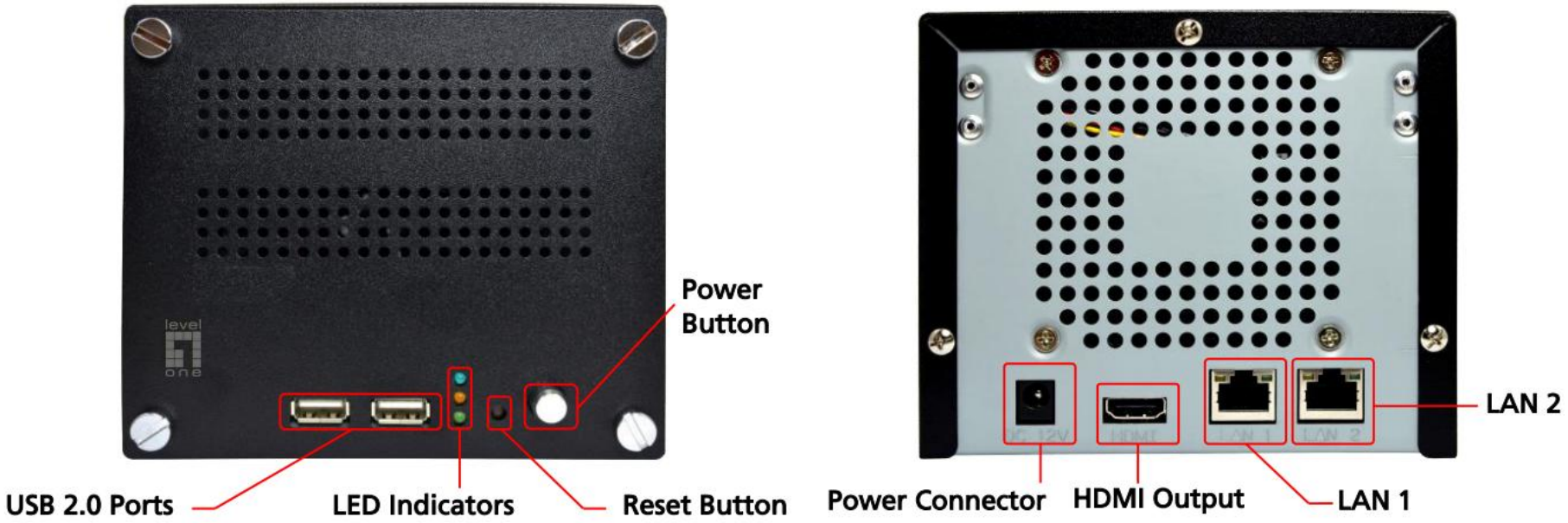
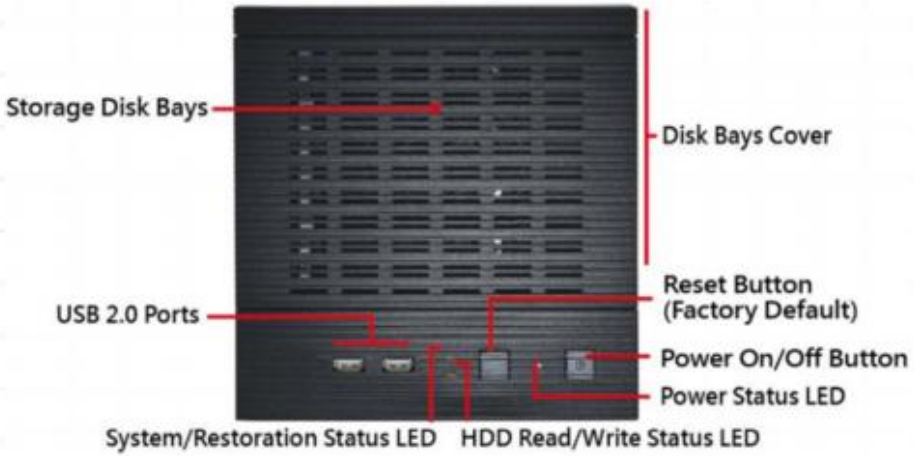
NVR

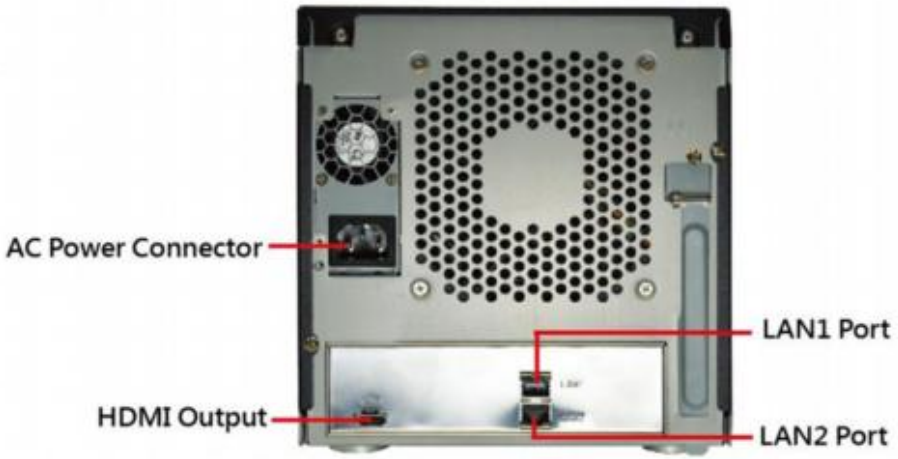


NVR-1416

- Manage up to 16 IP cameras
- HDD Bay for 4 SATA disks
- Local display up to 4-Megapixel resolution
- Remote display up to 10-Megapixel resolution
- Recording up to 96Mbps throughput
- Live view with 1, 2, 4, 9, 12, 16, 1+5, 1+7, 1+12, 2+4, 2+8 window layouts
- 16 channels synchronized playback
- Schedule, event triggered and manual recording
- PTZ and speed control, preset points and tours, mouse PTZ
- Time and event based search
- Playback with 1/2x-1x-32x speeds with AVI/RAW video export function
- Event management with motion detection and DI/DO
- Built-in DHCP server support
- HDMI Local display

NVR-1416


Storage Disk Bays
Disk Bays Cover
USB 2.0 Ports
Reset Button
(Factory Default)
Power On/Off Button
Power Status LED
System/Restoration Status LED
HDD Read/Write Status LED


AC Power Connector
LAN1 Port
HDMI Output
LAN2 Port

NVR

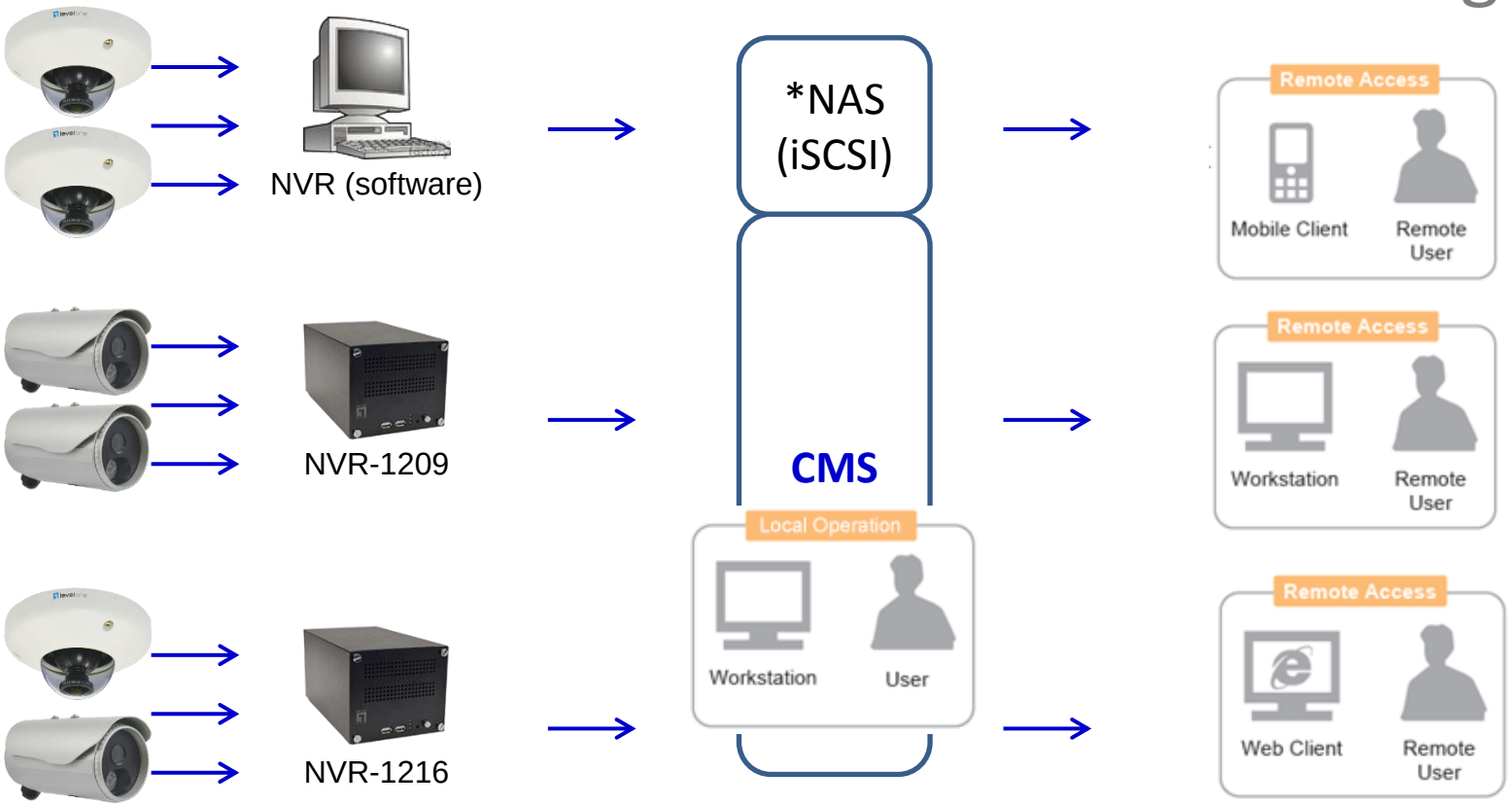
- Manage up to 64 IP Cameras
- 8 x HDD Bay for 3.5inch SATA disks
- Local display up to 4-Megapixel resolution
- Remote display up to 10-Megapixel resolution
- Recording up to 300Mbps throughput
- Live view with multiple window layouts
- 64 channels synchronized playback
- Schedule, event triggered and manual recording
- PTZ and speed control, preset points and tours, mouse PTZ
- Time and event based search
- Playback with 1/2x-1x-32x speeds with AVI/RAW video export function
- Event management with motion detection and DI/DO
- Built-in DHCP server support
- HDMI Local display
- 1000Mbps Gigabit Ethernet port

NVR-5500

CMS : FCS-9100

Central Management Solution

CMS Diagram



Ethernet Networking

* NVR storage can be extended via iSCSI NAS

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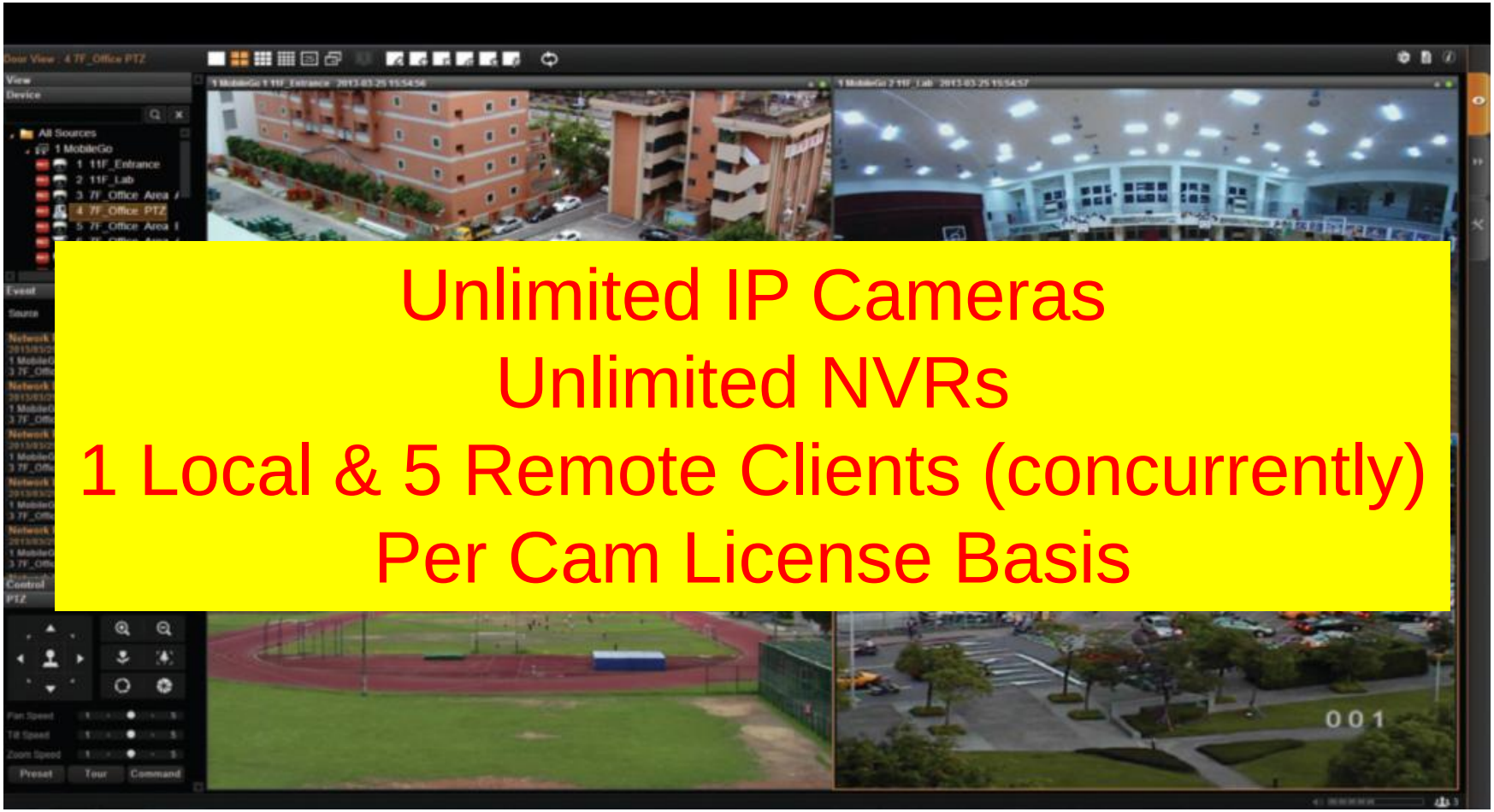
CMS



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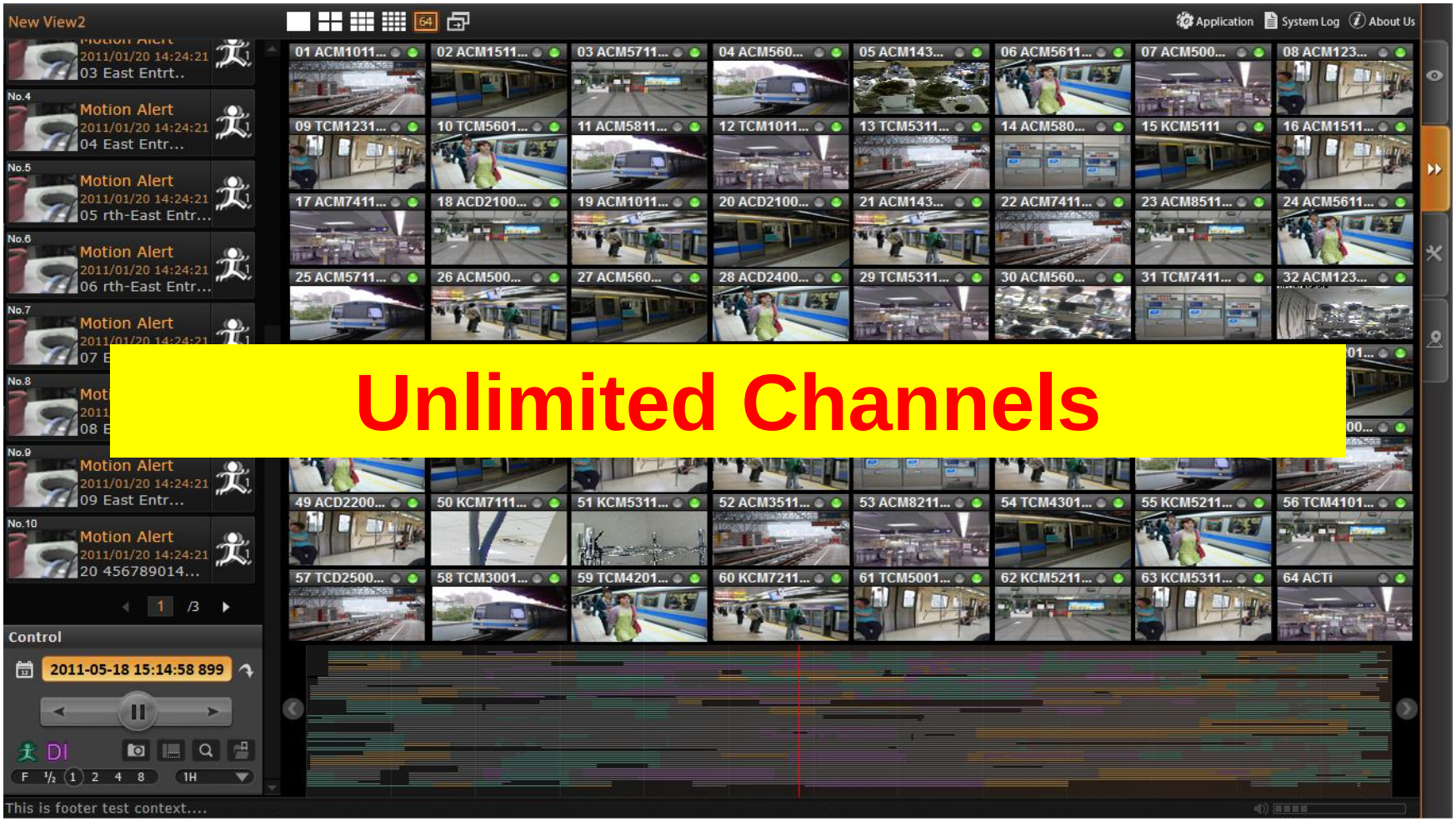
CMS



Unlimited Channels

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CMS

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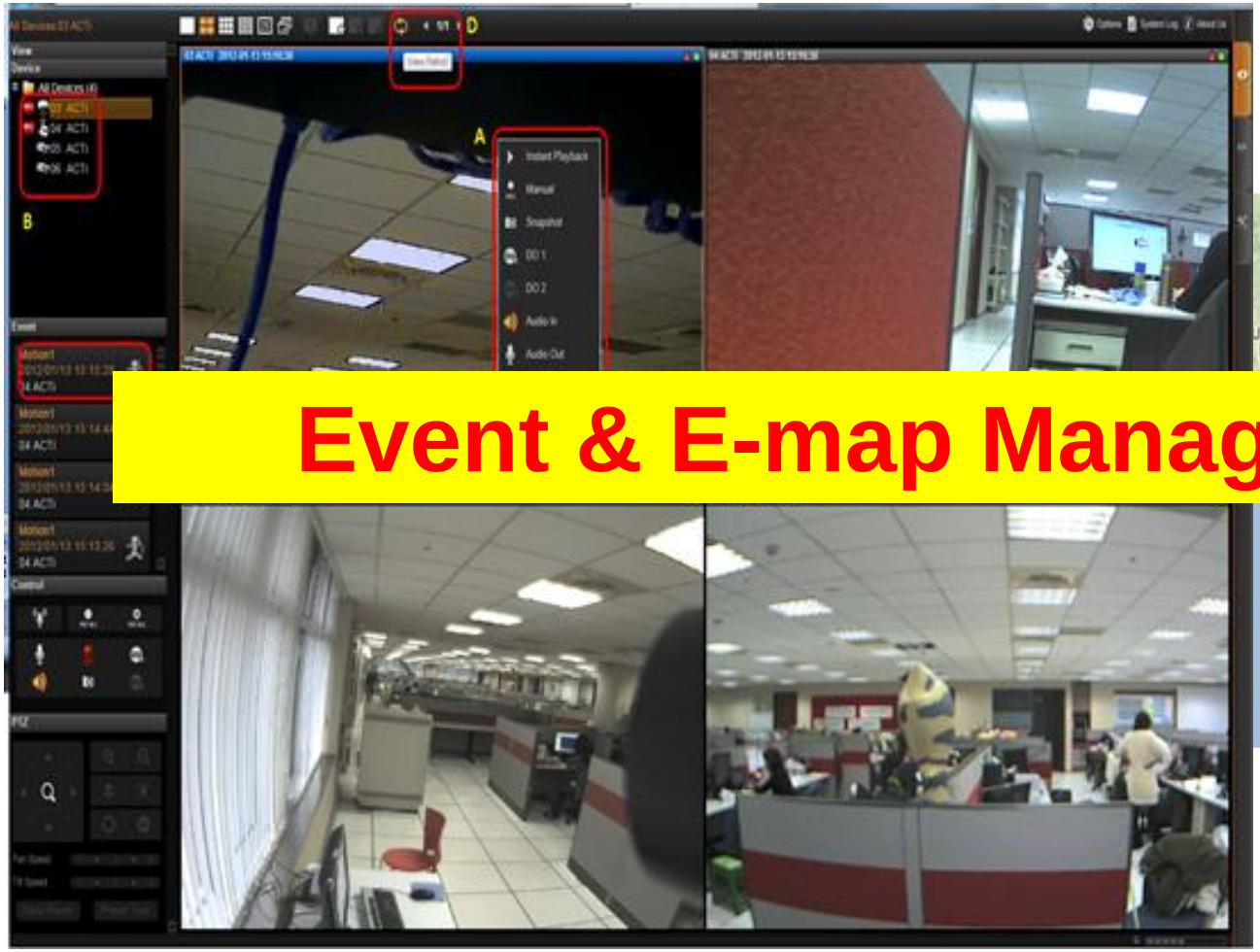
CMS



Event & E-map Management

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CMS

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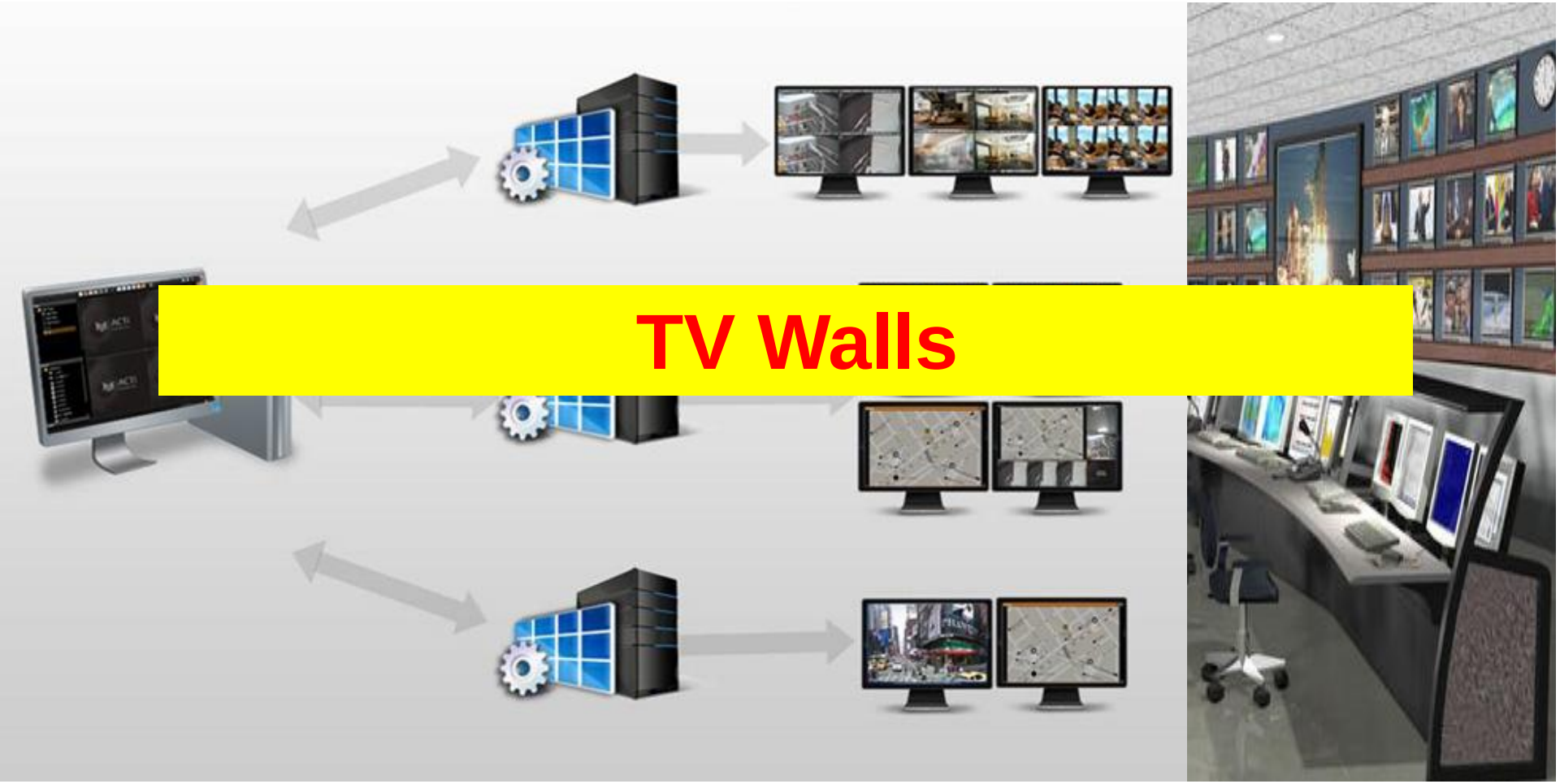
CMS



Additional License is required, per server basis

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Core Switch

For IP Surveillance

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สำหรับงานกล้องตั้งแต่ 16 – 32 กล้อง

GEL-2672

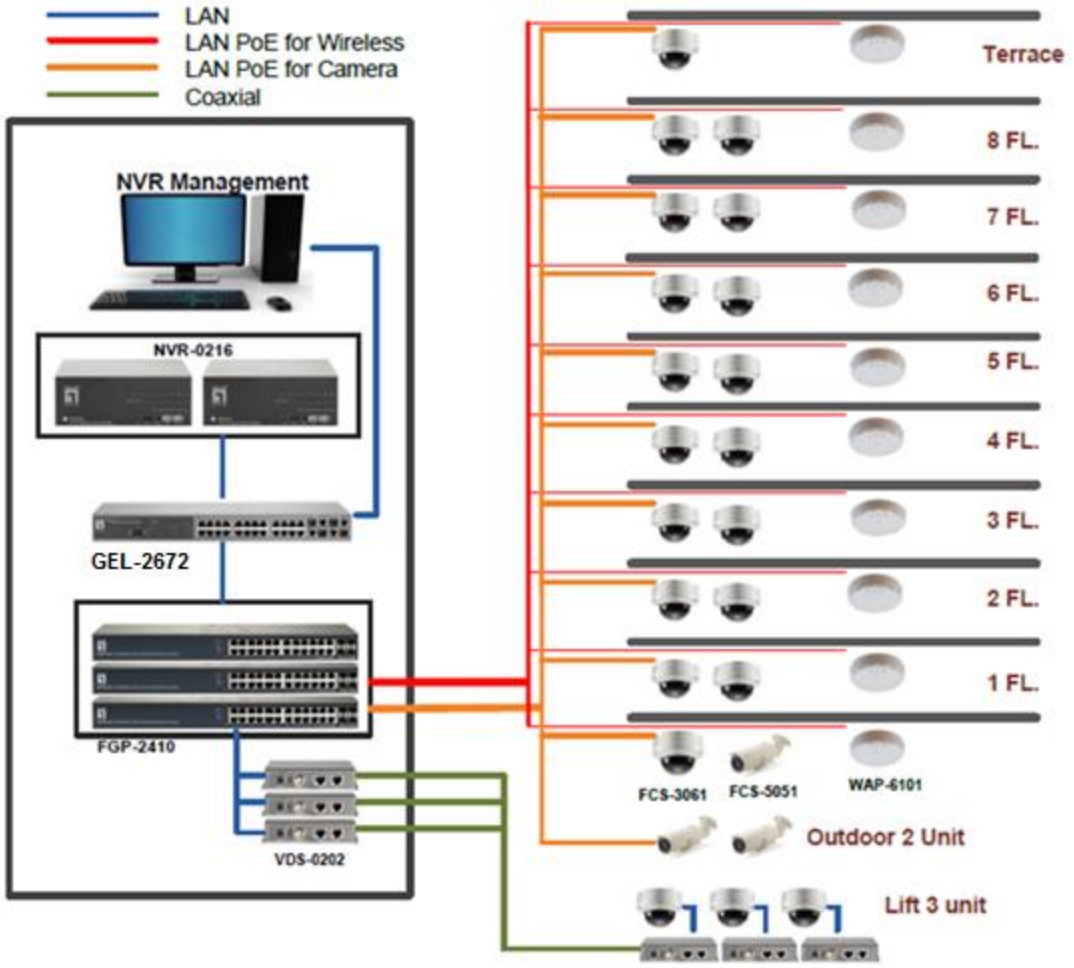
24 GE With 4 Shared SFP + 2 GE SFP
L2 Managed Switch

Key Features

- 10/100/1000Mbps wire speed transmission and reception
- Easy Configuration Port (ECP) for easy deployment of network devices such as IP phone or network camera
- Single IP management supports up to 32 switches
- IEEE 802.1p QoS with 8 priority queues
- Supports Access Control List (ACL) authentication of up to 256 entries and port-level security with IEEE802.1X
- IEEE 802.1d/w/s Spanning Tree Protocol (MSTP) and port mirroring
- IEEE 802.1Q VLAN allows network segmentation to enhance performance
- Supports Dual Firmware Image which protects against failed firmware upgrade
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- IEEE 802.3ad LACP for auto port aggregation

GEL-2870

- 28 Gigabit Ethernet ports with 4 shared SFP slots
- IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
- port mirroring
- IEEE 802.3ad LACP for auto port aggregation of up to 14 groups, 16 ports per group
- IP Multicast Filtering through IGMP Snooping V1/ V2
- Supports IPv4/IPv6 network operation
- RS-232 console, Telnet, SNMP V1, V2c & V3, RMON,
- Web Browser, and TFTP Management
- Supports port-based VLAN, IEEE 802.1Q VLAN ,Tagging and GVRP
- Supports Dual Firmware Image which protects against failed firmware upgrade
- Supports Simple Network Time Protocol (SNTP) time server
- IEEE 802.1x Access Control to improve network security


LAN
LAN PoE for Wireless
LAN PoE for Camera
Coaxial
NVR Management
NVR-0216
GEL-2672
FGP-2410
VDS-0202
Terrace
8 FL.
7 FL.
6 FL.
5 FL.
4 FL.
3 FL.
2 FL.
1 FL.
FCS-3061
FCS-5051
WAP-6101
Outdoor 2 Unit
Lift 3 unit

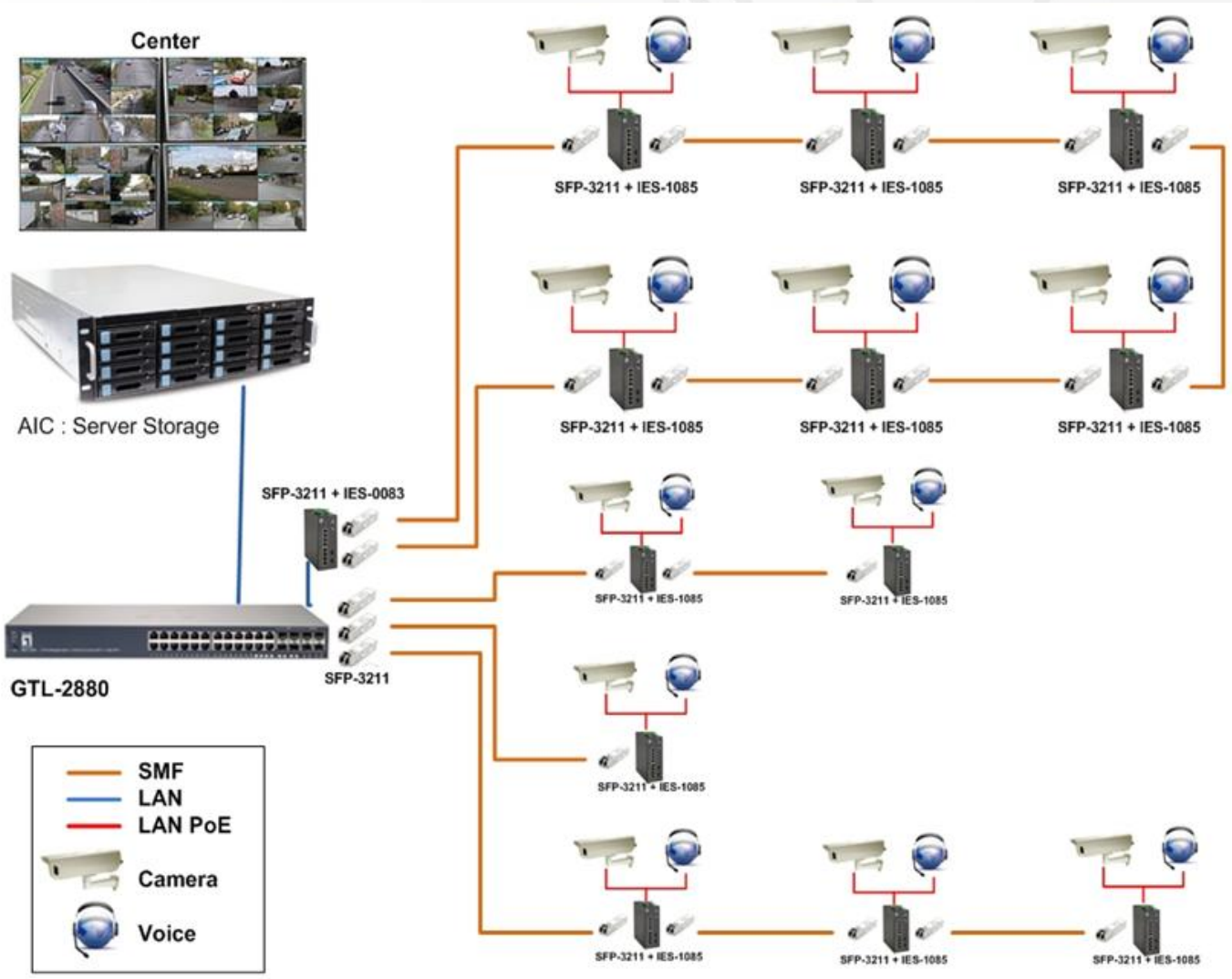
สำหรับงานกล้องตั้งแต่ 32 – 64 กล้อง

GTL-2880

20 GE + 4 GE Combo SFP + 4 10GE SFP-Plus L2-Plus Managed Switch

Key Features

- 24 Gigabit Ethernet ports with 4 shared SFP slots and 4 10 Gigabit SFP-Plus slots
- Single IP management supports up to 32 switches
- Easy Configuration Port (ECP) for easy deployment of IP phone or network camera
- Supports Access Control List (ACL) authentication of up to 512 entries and port-level security with IEEE802.1X
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging and GARP/GVRP
- IEEE 802.1d/w/s Spanning Tree Protocol (MSTP) and port mirroring
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports Dual Firmware Image which protects against failed firmware upgrade
- Provides QoS control based onToS/DSCP for traffic prioritization and bandwidth management
- IEEE 802.3ad LACP for auto port aggregation


Center
AIC : Server Storage
GTL-2880
SFP-3211 + IES-0083
SFP-3211
SFP-3211 + IES-1085
SFP-3211 + IES-1085
SFP-3211 + IES-1085
SFP-3211 + IES-1085
SFP-3211 + IES-1085
SFP-3211 + IES-1085
SFP-3211 + IES-1085
SFP-3211 + IES-1085
SFP-3211 + IES-1085
SFP-3211 + IES-1085
SFP-3211 + IES-1085
SMF
LAN
LAN PoE
Camera
Voice

สำหรับงานกล้องตั้งแต่ 64 – 100 กล้อง

GTL-5280

44 GE + 4 GE Combo SFP + 4 10GE SFP-Plus L2-Plus Managed Switch

Key Features

- 48 Gigabit Ethernet ports with 4 shared SFP slots and 4 10 Gigabit SFP-Plus slots
- Single IP management supports up to 32 switches
- Easy Configuration Port (ECP) for easy deployment of IP phone or network camera
- Supports Access Control List (ACL) authentication of up to 512 entries and port-level security with IEEE802.1X
- IEEE 802.1d/w/s Spanning Tree Protocol (MSTP) and port mirroring
- IEEE 802.3ad LACP for auto port aggregation
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging and GARP/GVRP
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports Dual Firmware Image which protects against failed firmware upgrade
- RS-232 console,Telnet,SNMP V1,V2c & V3,RMON,Web Browser, TFTP Management
- QoS control based onToS/DSCP for traffic prioritization and bandwidth management

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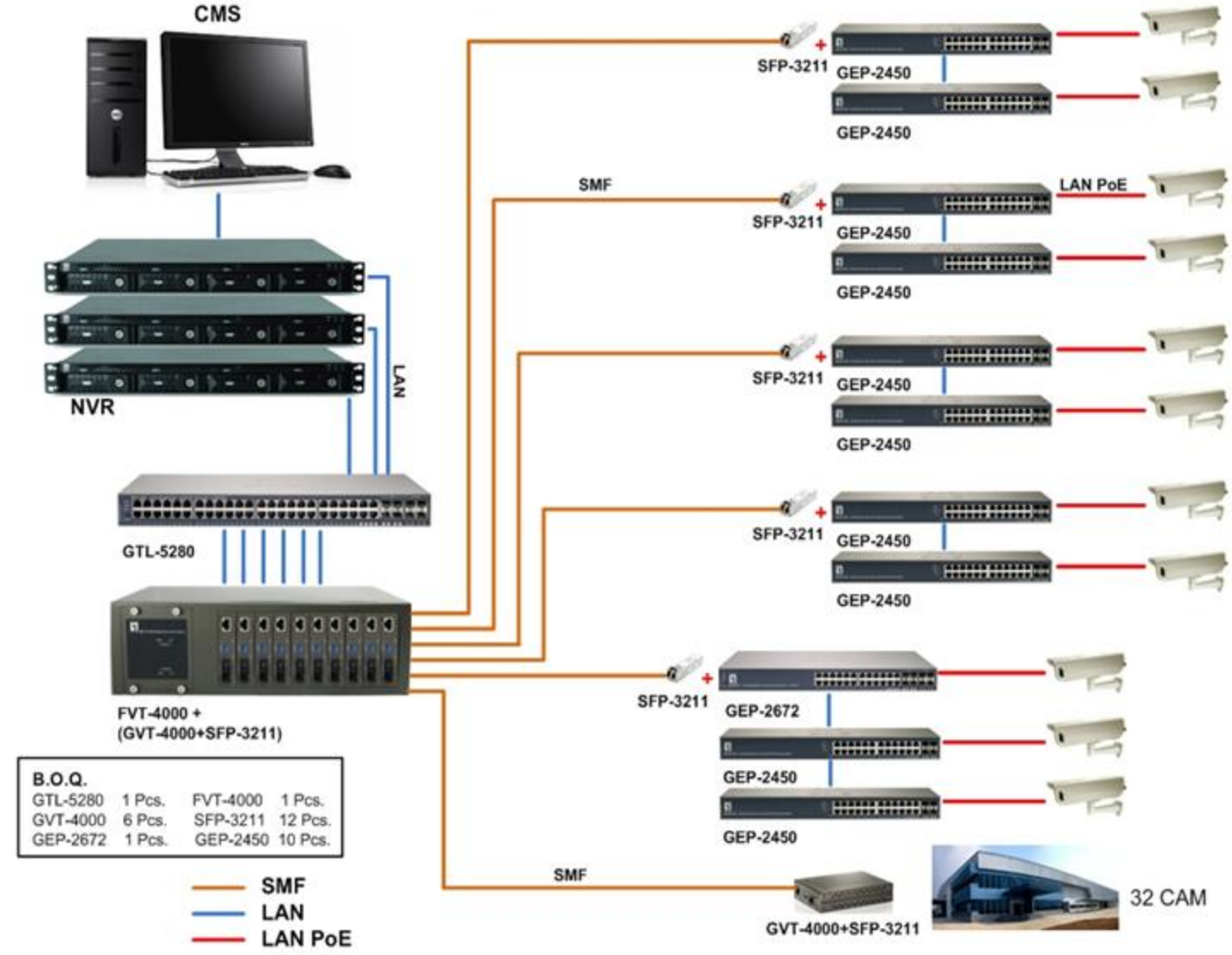

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สำหรับงานกล้องตั้งแต่ 100 กล้องขึ้นไป

GTL-2691

20 GE + 4 GE Combo SFP + 2 10G Slots

L3 Managed Stackable Switch

Key Features

- 24 Gigabit Ethernet ports with 4 shared SFP slots and 2 10G slots
- Multicast routing IGMP V1/V2/V3, MLD
- Supports DHCP relay features under Layer 3 protocol
- Supports Access Control List (ACL) authentication of up to 256 entries and port-level security with IEEE802.1X
- IEEE 802.1d/w/s Spanning Tree Protocol (MSTP) and port mirroring
- IEEE 802.3ad LACP for auto port aggregation
- IEEE 802.1p QoS with 8 priority queues
- Supports IPv4/IPv6 network operation
- Provides QoS control based on IP DSCP for traffic prioritization and bandwidth management

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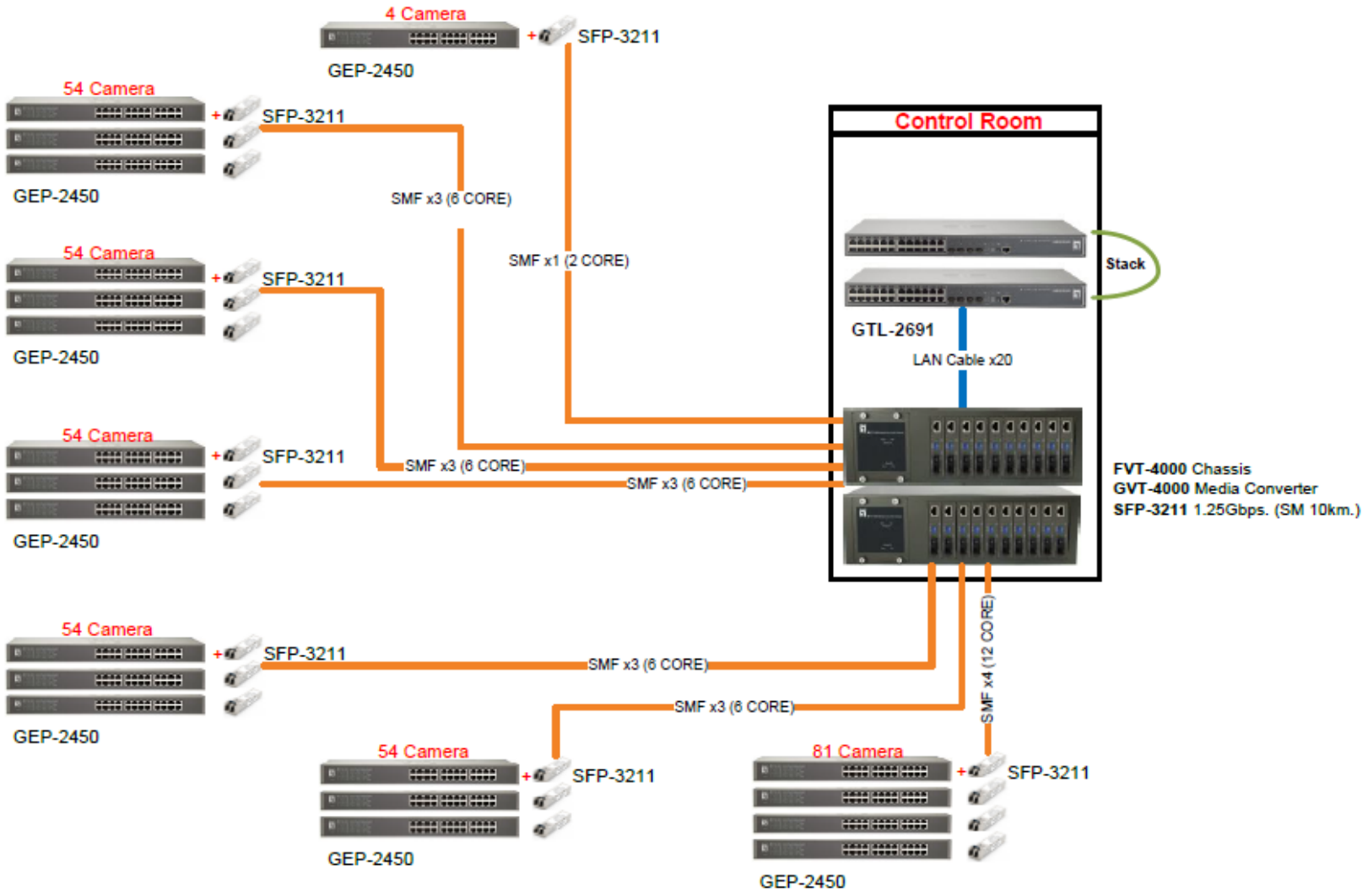

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Industrial Switch PoE

(Unmanaged)

IES-0610

4 x 802.3at PoE + 2GE SFP Unmanaged Switch -40 to 75C

Key Feature

- 4 10/100/1000Base-T PoE ports
- 1 Gigabit Combo + 1 Gigabit SFP slot
- PoE ports can support the IEEE 802.3at standard and power up 30W
- 1000 Mbps-Full-duplex, 10/100Mbps-Full/Half-duplex,
- Auto-Negotiation, Auto-MDI/MDIX
- -40°C to 75°C (-40°F to 167°F) operating temperature range
- DIN-Rail mount installation
- Metal case design and compliant with IP30 standard

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SC Single-mode

4 FE PoE + 1 FE SMF SC Industrial Switch, 30km Version: 2

Order Information

- IFE-0502

Key Features

- Provides flexibility of 4 x 10/100BASE-TX PoE ports
- 100Base-FX Single-mode fiber for the link up to 30km
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Provides DIN-rail, wall or desktop mounting
- Redundant power inputs with Terminal Block
- -10°C to 60°C (14°F to 140°F) operating temperature range
- Auto-detection and protection of non-standard PoE devices
- IP30 metal case

SC Multi-Mode

4 FE PoE + 1 FE MMF SC Industrial Switch, 2km Version: 2

Order Information

- IFE-0501

Key Features

- Provides flexibility of 4 x 10/100BASE-TX PoE ports
- 100Base-FX Multi-mode fiber for the link up to 2km
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Provides DIN-rail, wall or desktop mounting
- Redundant power inputs with Terminal Block
- -10°C to 60°C (14°F to 140°F) operating temperature range
- Auto-detection and protection of non-standard PoE devices
- IP30 metal case

LAN RJ45

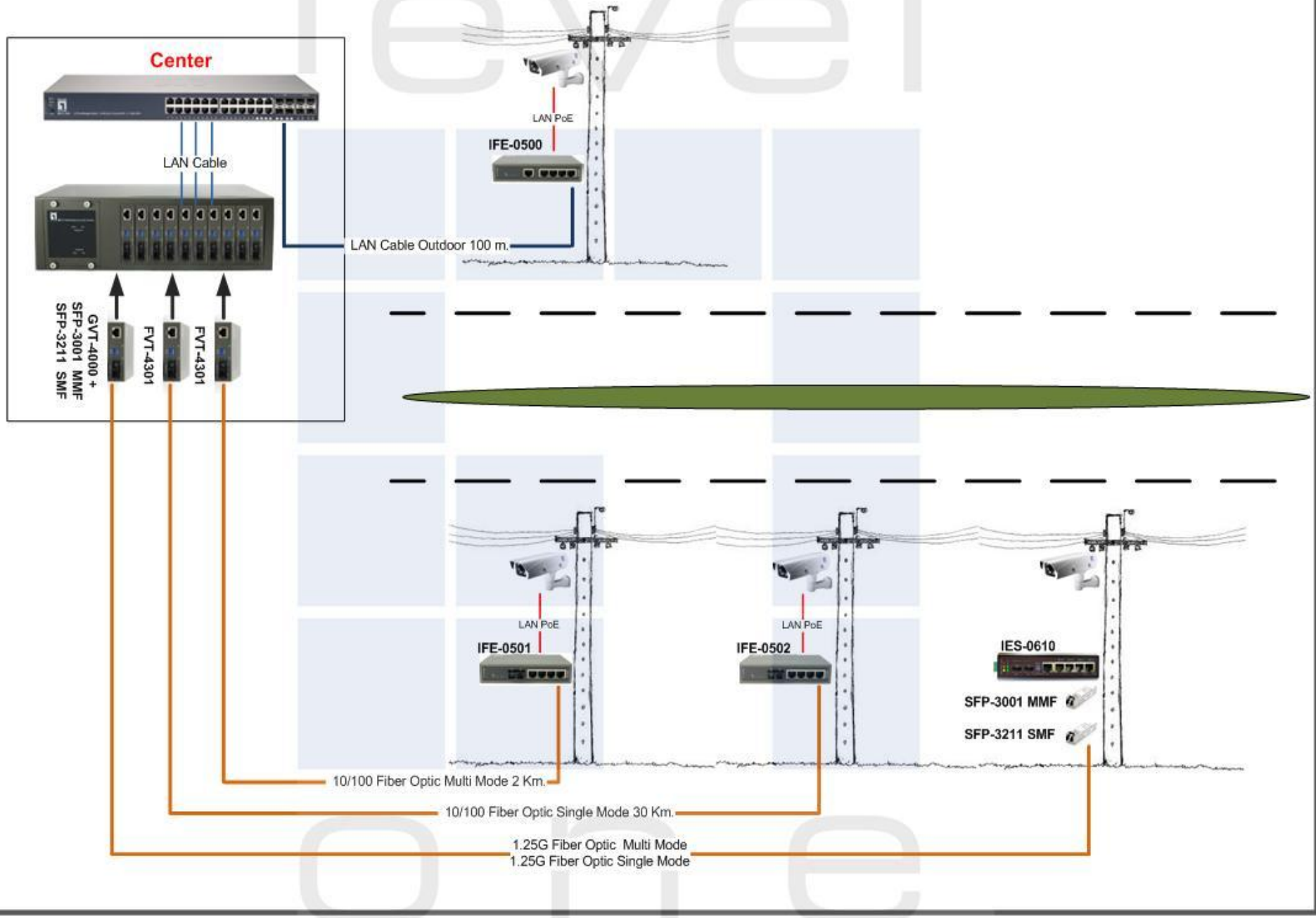
4 FE PoE + 1 FE Industrial Switch Version: 2

Order Information

- IFE-0500

Key Features

- IEEE 802.3af PoE compliant to simplify deployment and installation
- Provides DIN-rail, wall or desktop mounting
- Redundant power inputs with Terminal Block
- -10°C to 60°C (14°F to 140°F) operating temperature range
- Auto-detection and protection of non-standard PoE devices
- Shockproof for rolling stock application
- IP30 metal case


Center
LAN Cable
GVT-4000 + SFP-3001 MMF SFP-3211 SMF
FVT-4301
FVT-4301
LAN Cable Outdoor 100 m.
LAN PoE
IFE-0500
LAN PoE
IFE-0501
LAN PoE
IFE-0502
IES-0610
SFP-3001 MMF
SFP-3211 SMF
10/100 Fiber Optic Multi Mode 2 Km.
10/100 Fiber Optic Single Mode 30 Km.
1.25G Fiber Optic Multi Mode
1.25G Fiber Optic Single Mode

Industrial Switch PoE
(Managed)

Industrial Switch PoE
(Managed)

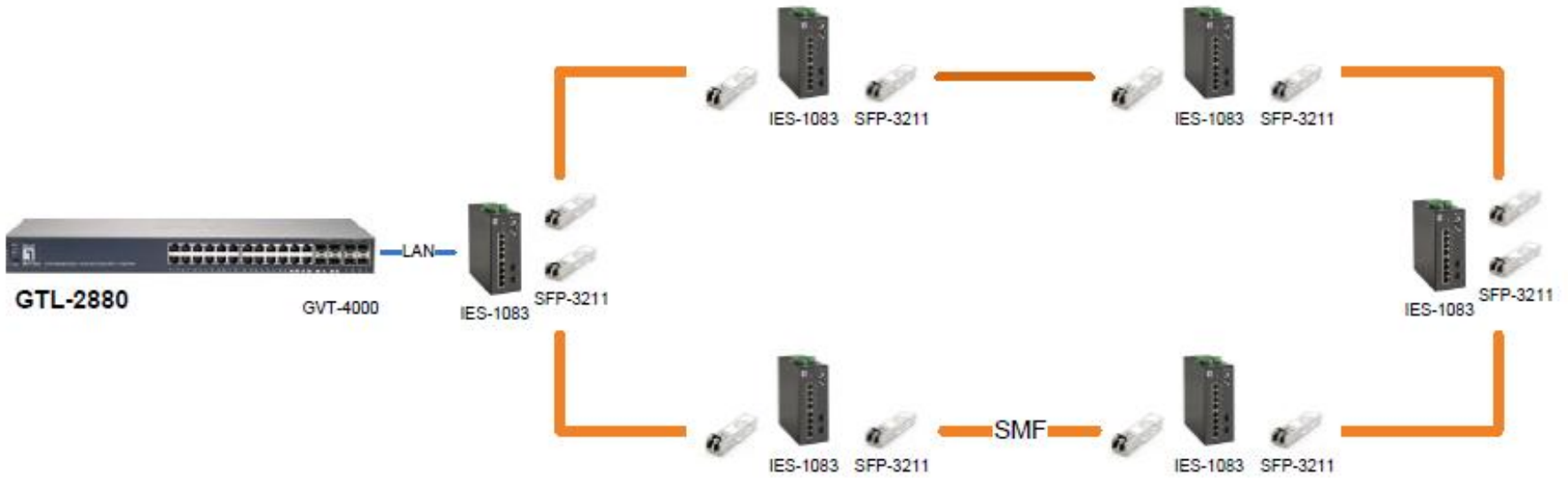
IES-1085

Key Features

- PoE control and scheduling
- Supports α-ring and RSTP/MSTP/STP for Ethernet redundancy
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging and GARP/GVRP
- IEEE 802.1p QoS with 4 priority queues, Bandwidth Rate Control
- MAC-based trunking with automatic link failover
- RS-232 console, Telnet, SNMP V1, V2c & V3, RMON, Web Browser, and TFTP Management
- Supports Command Line Interface in RS-232 Console
- IEEE 802.1x Access Control to improve network security
- Up to 24 Static Secure MAC addresses per port and Full wire-speed forwarding rate
- Port Mirroring helps supervisors to monitor the network
- 1000Mbps-Full-duplex, 10/100Mbps-Full/Half-duplex, Auto-Negotiation, MDI/MDIX
- -40°C to 75°C (-40°F to 167°F) operating temperature range, tested for functional operation @ -40°C to 85°C (-40°F to 185°F)

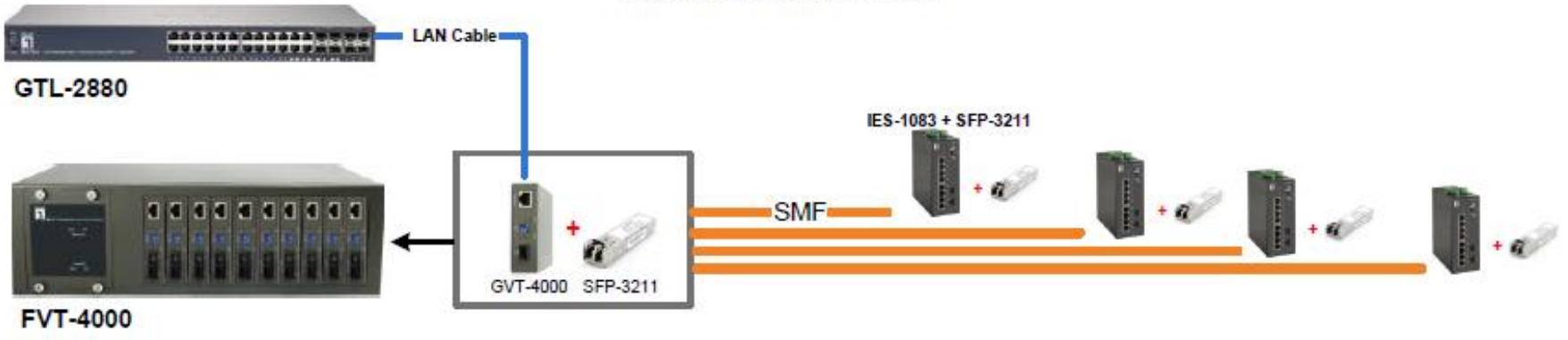
Ring

กรณีใช้ Fiber 2 Core



Star

กรณีใช้ Fiber มากกว่า 2 Core



Industrial Power Supply

	POW-4801	48V DC Power Adapter • Work with IFE-0500, IFE-0501, IFE-0502
	POW-1212	36W 12VDC Industrial Power Adapter, Open -40 ~ 75C
	POW-1222	36W 12VDC Industrial Power Adapter, Aluminum Case Open -40 ~ 75C
	POW-4840	120W 48VDC Industrial Power Supply, PoE Ready DIN-rail -10 ~ 60C

Commercial Switch PoE (Unmanaged)

Commercial Unmanaged Switch PoE

	GEP-0520 GEP-0520Z	4 GE PoE + 1 GE Switch, 61.6W
	GEP-0821	8-Port Gigabit PoE-Plus Switch, 123.2W
	GEP-1020	8 GE PoE-Plus + 2 GE SFP Switch, 150W

Commercial Switch PoE (Managed)

GEP-0950

- 8 PoE-Plus Gigabit Ethernet ports and 1 Gigabit SFP slot
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- PoE control and scheduling
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- IEEE 802.1x Access Control to improve network security
- IEEE 802.1Q VLAN allows network segmentation to enhance performance and security
- Supports port aggregation of up to 4 groups, 5 ports per group
- IEEE 802.1p QoS with 8 priority queues
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- Total PoE power budget: 130W, up to 30W per port

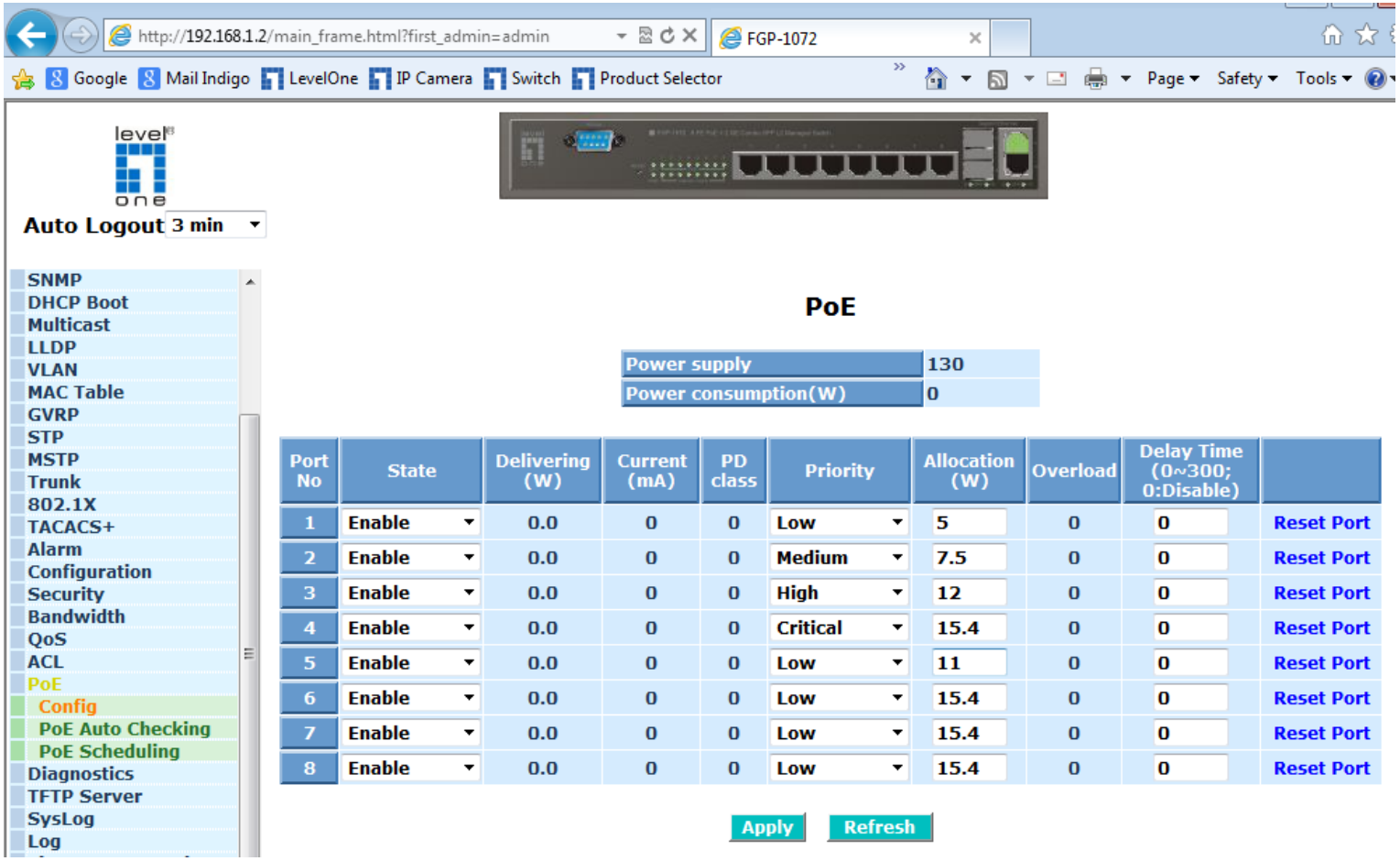
GEP-2450

- 24 PoE-Plus Gigabit Ethernet ports with 4 shared SFP slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- PoE control and scheduling
- IEEE 802.1x Access Control to improve network security
- IEEE 802.1Q VLAN allows network segmentation to enhance performance and security
- Supports port aggregation of up to 8 groups, 12 ports per group
- Supports unknown unicast / broadcast / multicast storm control
- IP Multicast Filtering through IGMP Snooping V1/ V2
- IEEE 802.1p QoS with 4 priority queues
- Total PoE power budget: 185W, up to 30W per

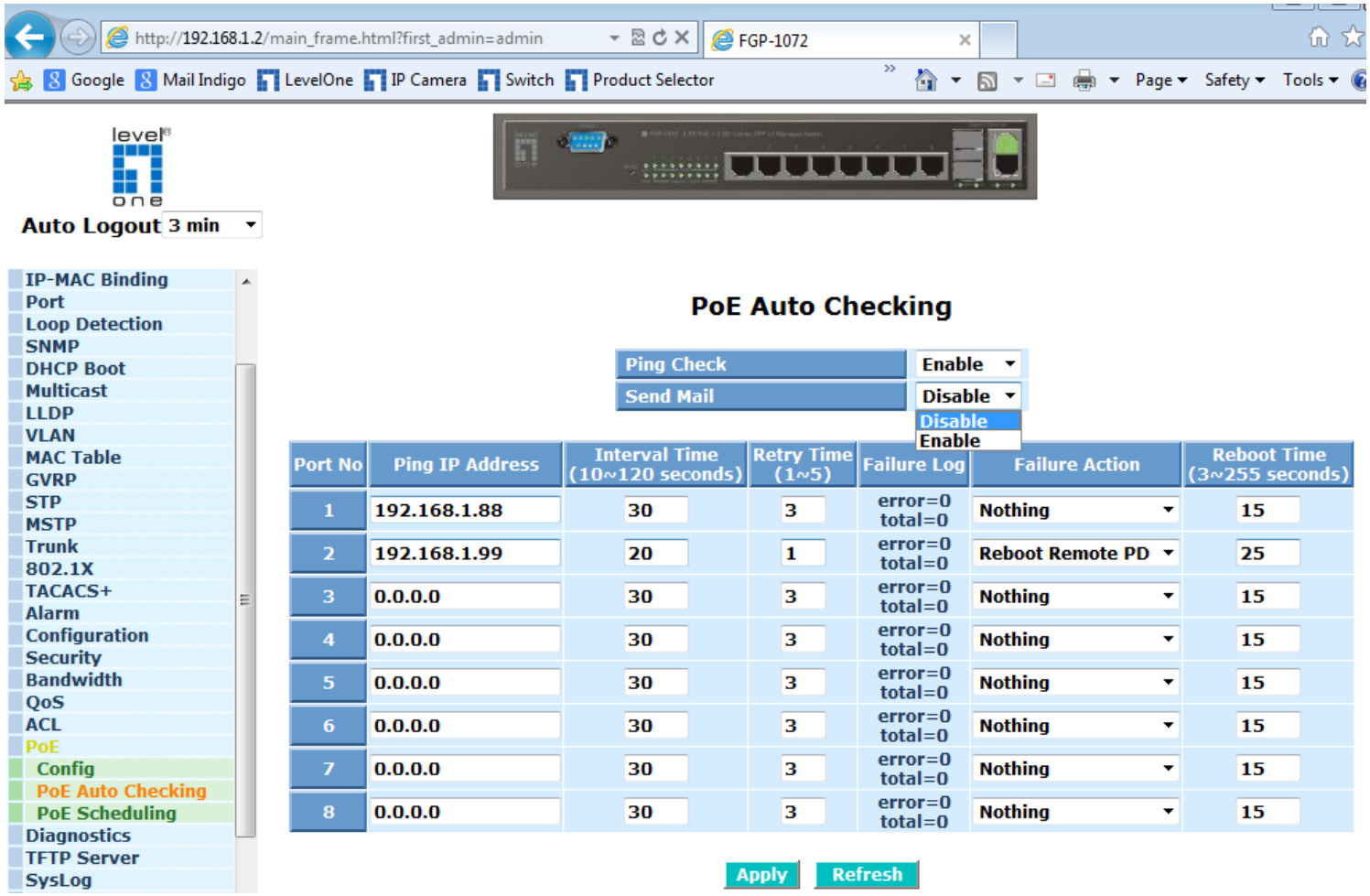
level one

Power over Ethernet (POE)

PoE Config


http://192.168.1.2/main_frame.html?first_admin=admin
FGP-1072
Google
Mail Indigo
LevelOne
IP Camera
Switch
Product Selector
Page
Safety
Tools
Auto Logout 3 min
SNMP
DHCP Boot
Multicast
LLDP
VLAN
MAC Table
GVRP
STP
MSTP
Trunk
802.1X
TACACS+
Alarm
Configuration
Security
Bandwidth
QoS
ACL
PoE
Config
PoE Auto Checking
PoE Scheduling
Diagnostics
TFTP Server
SysLog
Log
PoE
Power supply 130
Power consumption(W) 0
Port No | State | Delivering (W) | Current (mA) | PD class | Priority | Allocation (W) | Overload | Delay Time (0~300; 0:Disable)
1 Enable 0.0 0 0 Low 5 0 0 Reset Port
2 Enable 0.0 0 0 Medium 7.5 0 0 Reset Port
3 Enable 0.0 0 0 High 12 0 0 Reset Port
4 Enable 0.0 0 0 Critical 15.4 0 0 Reset Port
5 Enable 0.0 0 0 Low 11 0 0 Reset Port
6 Enable 0.0 0 0 Low 15.4 0 0 Reset Port
7 Enable 0.0 0 0 Low 15.4 0 0 Reset Port
8 Enable 0.0 0 0 Low 15.4 0 0 Reset Port
Apply
Refresh

levelone PoE Auto Checking



Switch PoE (Managed)

Photo	Model	Description
	GEP-0950	8 GE PoE-Plus + 1 GE SFP Web Smart Switch, Switch 130W
	GEP-2450	24 GE PoE-Plus with 4 Shared SFP Web Smart Switch, 185W
	GEP-2672	20 GE PoE-Plus + 4 GE PoE-Plus Combo SFP + 2 GE SFP L2 Managed Switch, 370W
	GTP-2880	20 GE PoE-Plus + 4 GE PoE-Plus Combo SFP + 4 10GE SFP-Plus L2-Plus Managed Switch, 185W
	GEP-5070	48 GE PoE-Plus + 2 GE SFP L2 Managed Switch, 375W

PoE Repeater (Up to 700m)

POR-0100

For indoor

Key Features

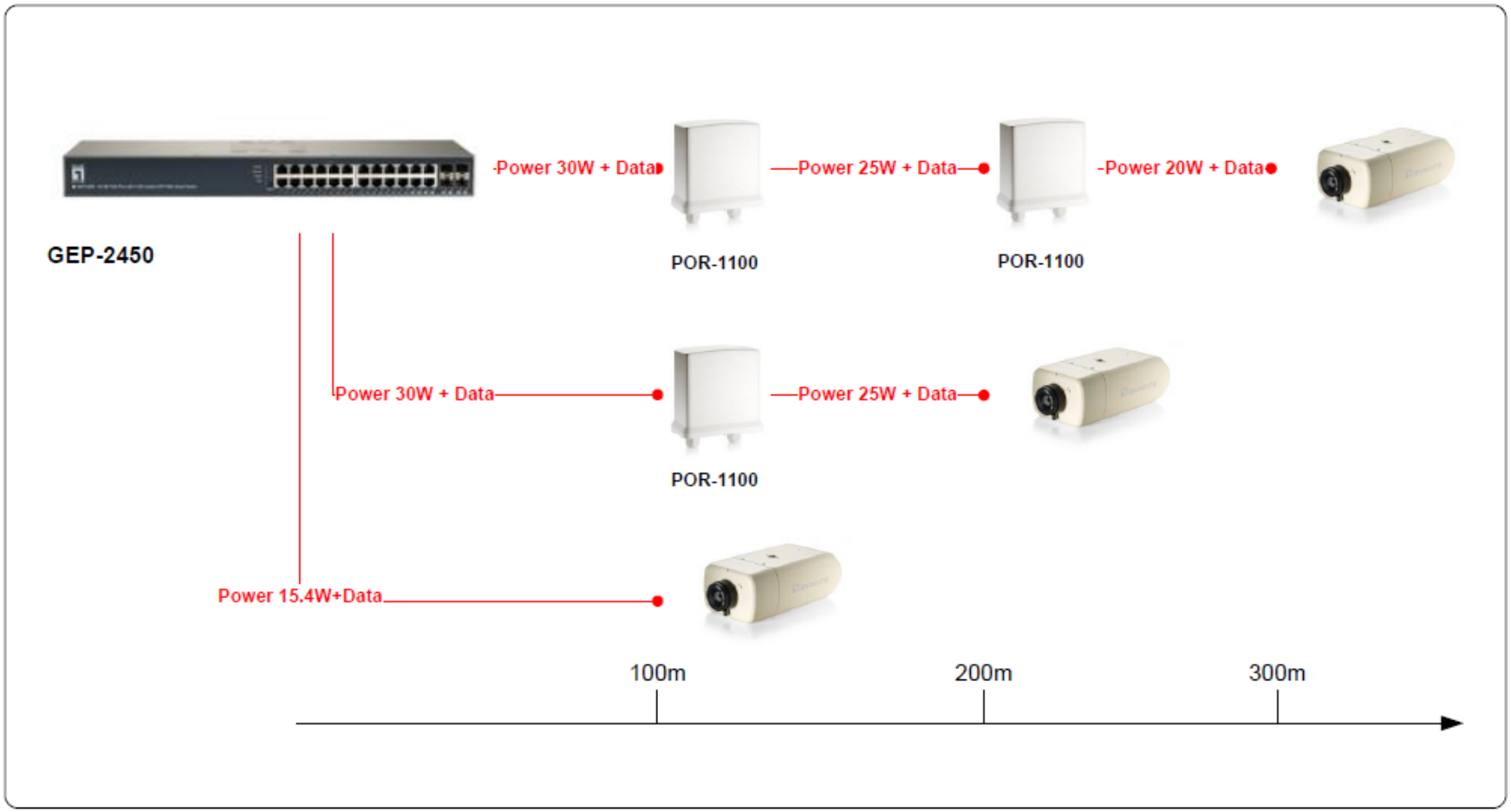
- Extends Cat.5 cable installations to beyond 100 meters
- Forwards power over Ethernet(PoE) to remote device
- No Power required
- Fully transparent no restrictions to network traffic
- Simple to install, works instantly

POR-1100

For outdoor

Key Features

- Extends Cat.5 cable installations to beyond 100 meters
- Forwards power over Ethernet (PoE) to remote device
- No Power required
- Fully transparent-no restrictions to network traffic
- Supports all network devices
- IP65 weatherproof design


GEP-2450
Power 30W + Data
Power 25W + Data
Power 20W + Data
POR-1100
POR-1100
Power 30W + Data
Power 25W + Data
POR-1100
Power 15.4W+Data
100m
200m
300m

PoE Injector

Gigabit PoE Injector (15.4W)
POI-2001

High Power PoE Injector (56W)
POI-4000

Gigabit PoE Plus Injector (30W)
POI-3000

PoE Injector (15.4W)
POI-2002

Professional Media Converters

Ethernet to VDSL2

VDS-0201

Gigabit Ethernet to Fiber

GVT-4000

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Media Converters

Media Converter

10/100 Media Converter

	FVT-4001	10/100BASE-TX to 100BASE-FX MMF SC Converter
	FVT-4301	10/100BASE-TX to 100BASE-FX SMF SC Converter, 30km

10/100/1000 Media Converter

	GVT-4000	10/100/1000BASE-T to 1000BASE-X SFP Converter
	SFP-3001	1.25G MMF SFP Transceiver, 550m, 850nm
	SFP-3211	1.25G SMF SFP Transceiver, 10km, 1310nm

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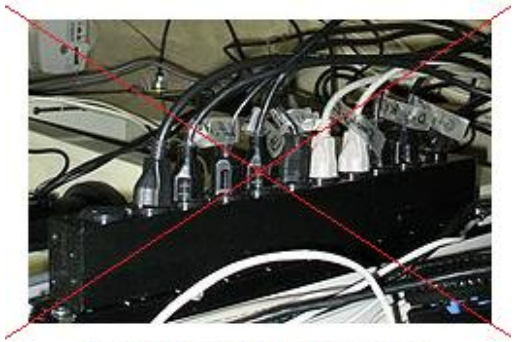

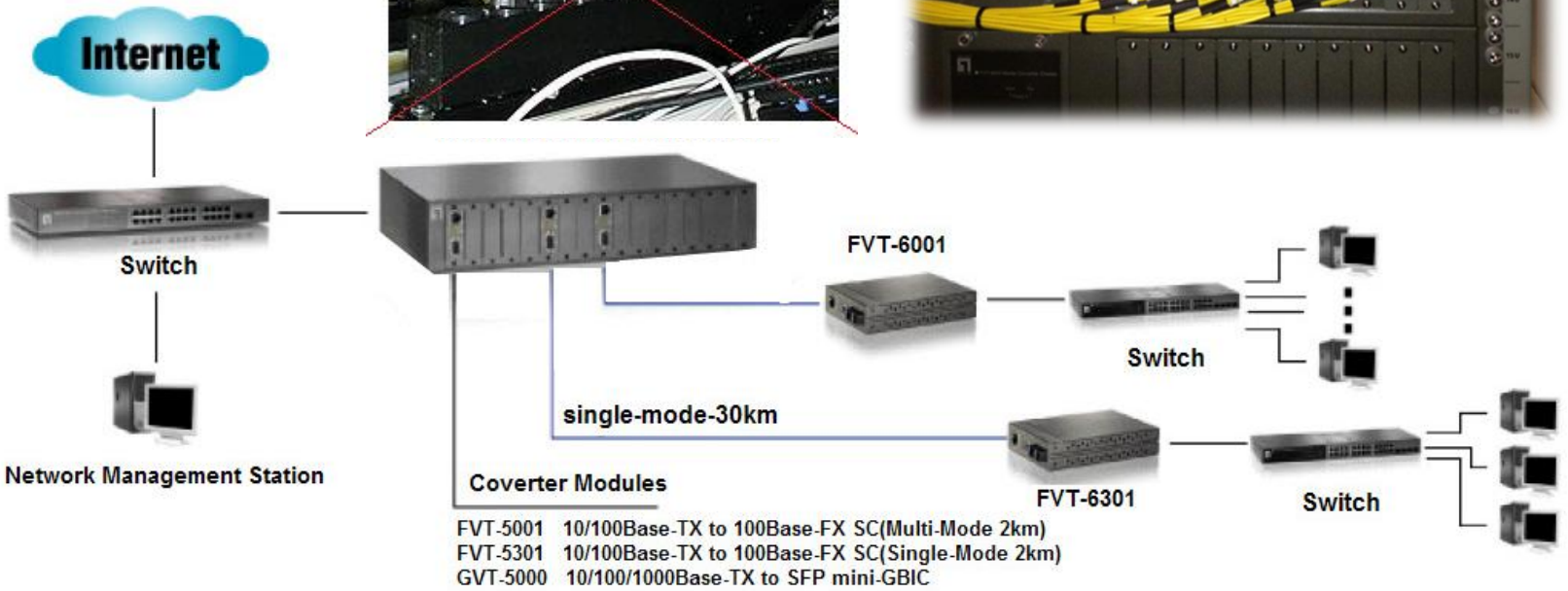

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Wireless Access Points & Bridge

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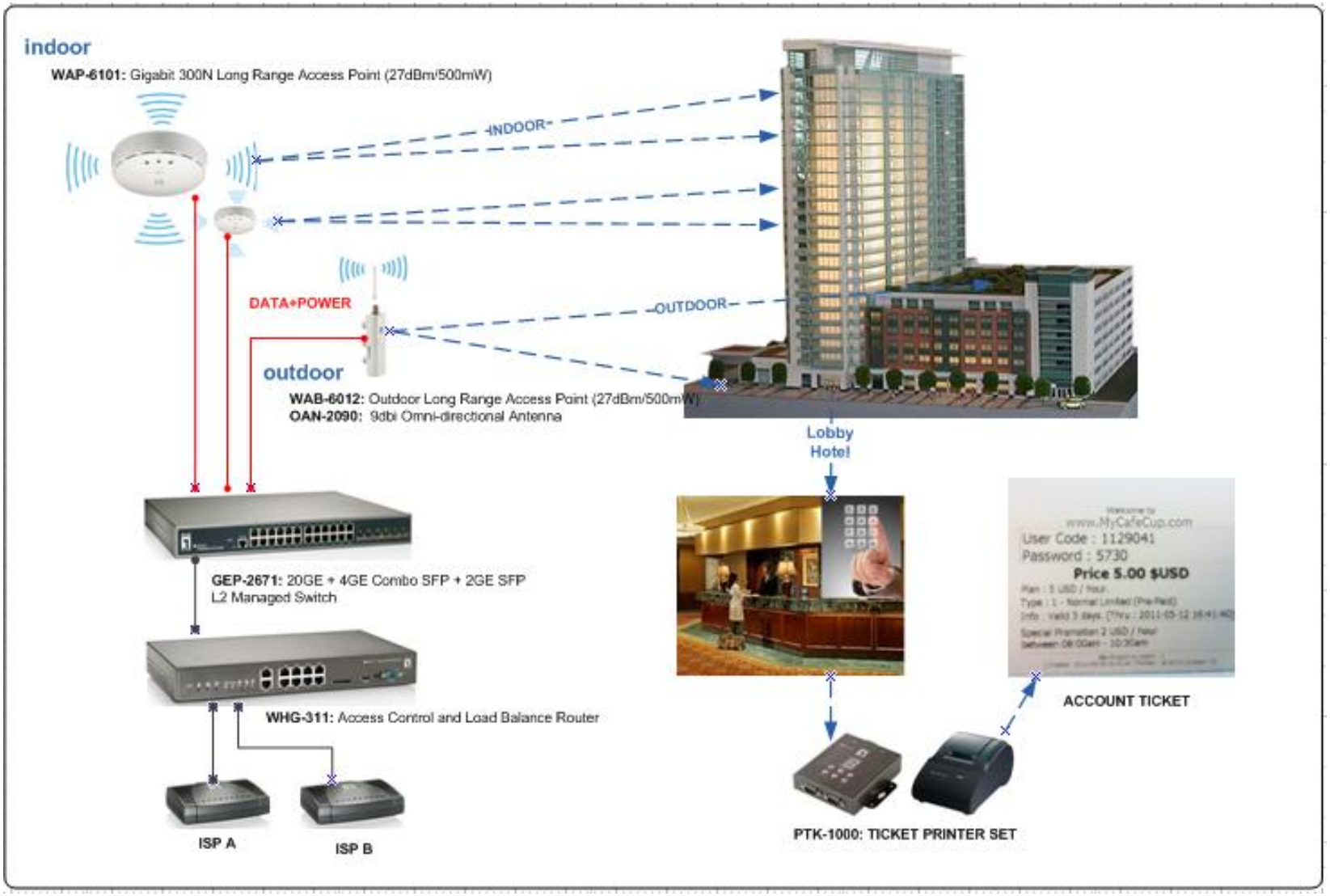

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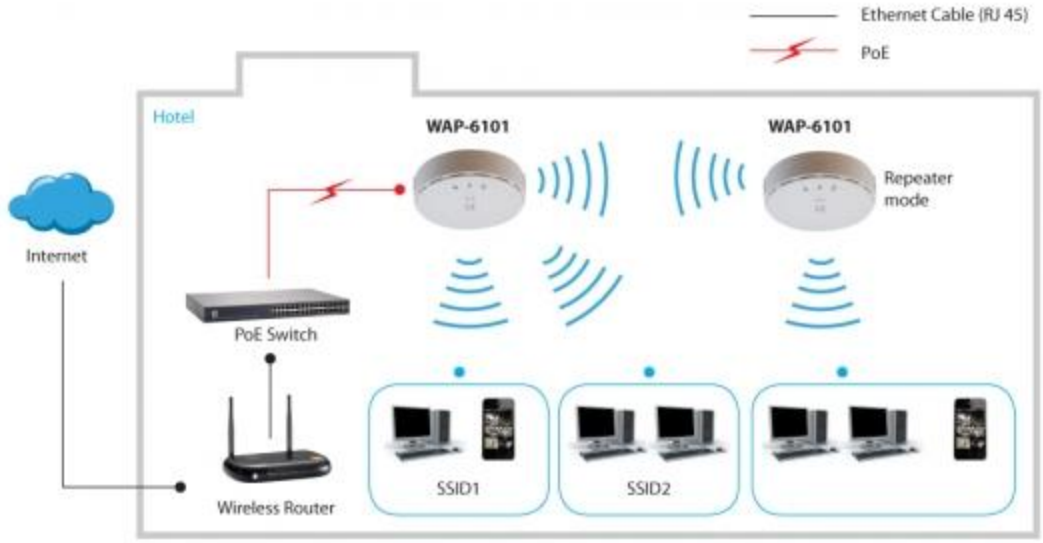

300Mbps Wireless Ceiling Gigabit PoE Access Point

- WAP-6101

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards
- Multi-operation modes to suit different wireless applications
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Provides up to 8 SSIDs to separate network traffic and enhance security
- WEC(Wireless Easy Connection) button for automatic WDS connection
- Enlarge wireless network coverage through WDS technology
- Auto Channel Selection for low interference band
- Supports WEP, WPA and WPA2 encryption with IEEE 802.1X for high level security

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300Mbps Wireless Gigabit PoE Access Point **Version: 1**

- WAP-6150

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards
- Multi-operation modes to suit different wireless applications
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Provides up to 8 SSIDs to separate network traffic and enhance security
- WEC(Wireless Easy Connection) button for automatic WDS connection
- Enlarge wireless network coverage through WDS technology
- Auto Channel Selection for low interference band
- Supports WEP, WPA and WPA2 encryption with IEEE 802.1X for high level security

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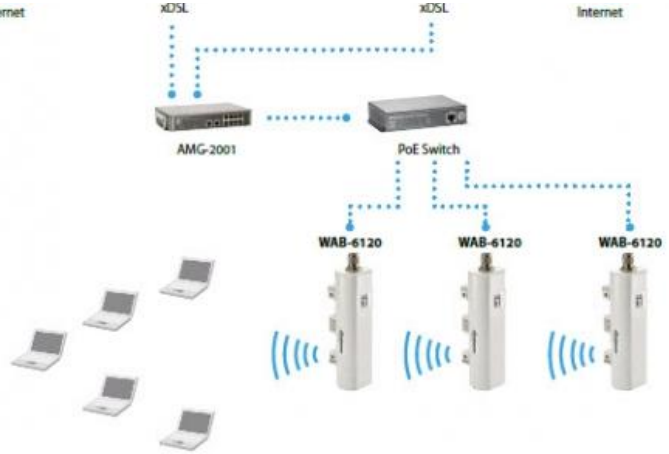
150Mbps Wireless Outdoor Passive PoE Access Point

- WAB-6120

- Compliant with IEEE 802.11 b/g/n
- Supports 12V/1A Passive Power over Ethernet (PoE)
- IP55 waterproof housing endures almost any harsh environments
- Dual operating modes including AP and Wireless Client
- Supports 64/128-bit WEP and IEEE 802.1X, WPA, WPA2, WPA&WPA2, WPA-PSK, and WPA-PSK&WPAPSK.
- Supports WMM and and Quality of Service (QoS) for enhanced performance
- Advanced management tools like SNMP
- User-friendly Web and SNMP-based management interface
- Upgradable N-type connector for optional high-gain antenna which is switchable by SW



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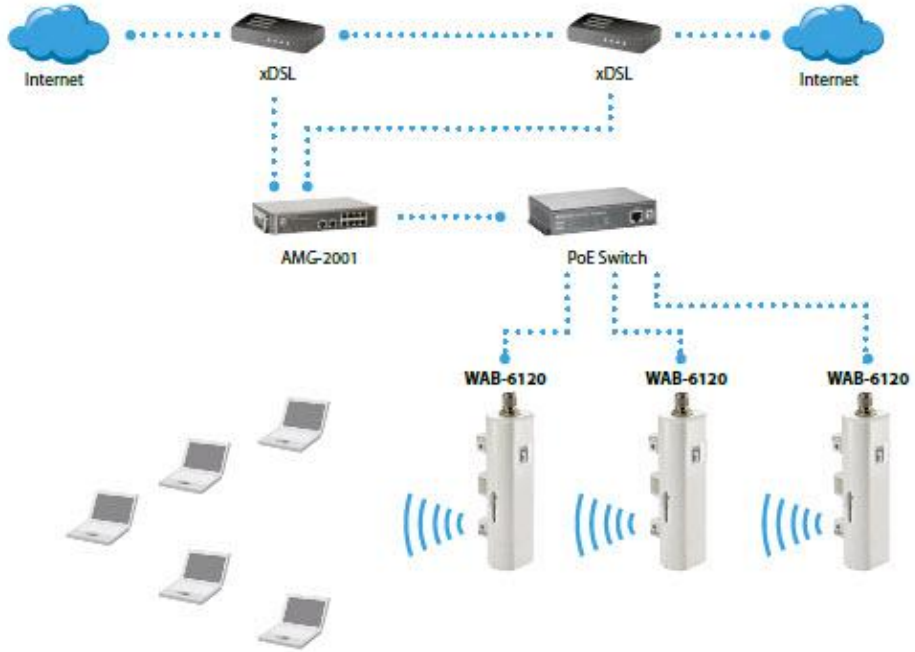
WDS Mode

AP Mode



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300Mbps 5G Wireless Outdoor Passive PoE Access Point / Bridge

- WAB-5120

- Compatible with IEEE 802.11a/n wireless standards on 5GHz
- Built-in 16dBi directional dual-polarization antenna
- Provides 2 Reverse SMA-Type connectors for high-gain antennas
- Supports AP, Client, WDS and AP Repeater Modes
- High reliable IP55 watertight housing endures harsh environments
- Supports Passive Power over Ethernet of 15V
- SNMP remote configuration management

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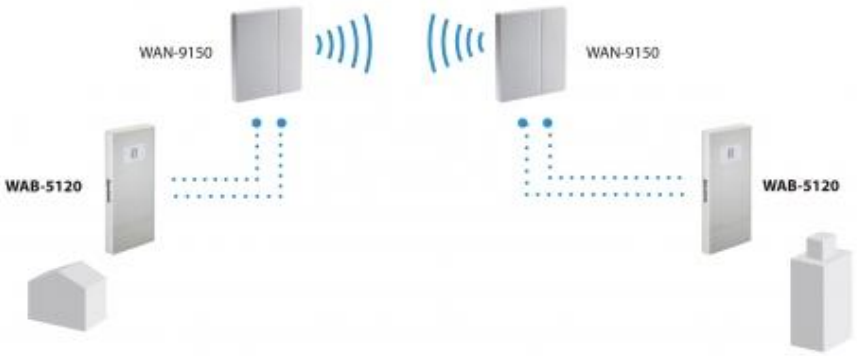
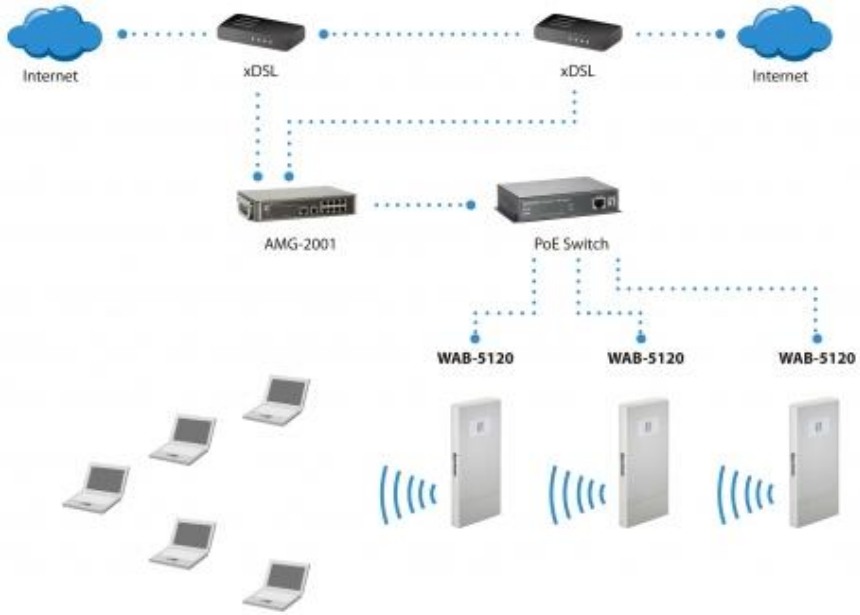
WDS Mode



AP Mode



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KVM

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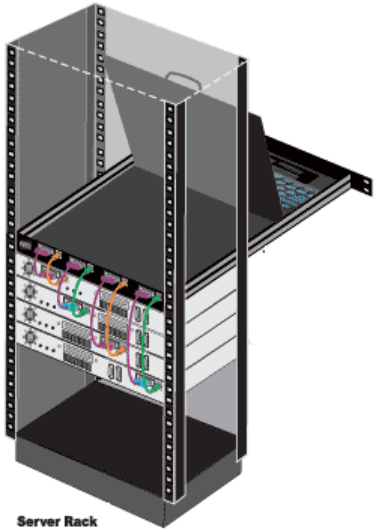
KVM-8901US (US Keyboard)

19" Widescreen LCD KVM Rack Con

Key Features

- Modular design for optional KVM switches, enabling management of up to 128 computers
- Supports video resolutions up to 1440 x 900
- Dual Interface for PS/2 and USB keyboard/mouse
- Easy switching between computers with keyboard hotkeys/On Screen Display (OSD) menus
- Auto scan mode for non-stop monitoring of selected computer
- Password protection prevents unauthorized access
- Multi-platform support: Windows, Mac OS X, Sun, Linux



Package Contents

- Power Adapter
- Power Cord
- USB Cable
- Quick Installation Guide
- Resource CD (User Manual, QIG)
- KVM Cable
- Screw Kit
- 19" Rack mount Kit

KVM-0831 : 8-Port Combo KVM Switch w/ Expansion Slot

Key Features

- Control servers and computers either locally via control port or remotely via optional modules through the module expansion slot
- Features an expansion slot for flexible installation with optional module choices
- Flexible auto-scan mode for flexible PC monitoring
- Built-in daisy chain port for cascading with KVM-0830/0831 or KVM-1630/1631 up to 8 units
- High video display quality up to 1920x1440
- Support Windows, NetWare, Unix, Linux, Mac OS and Sun Microsystems

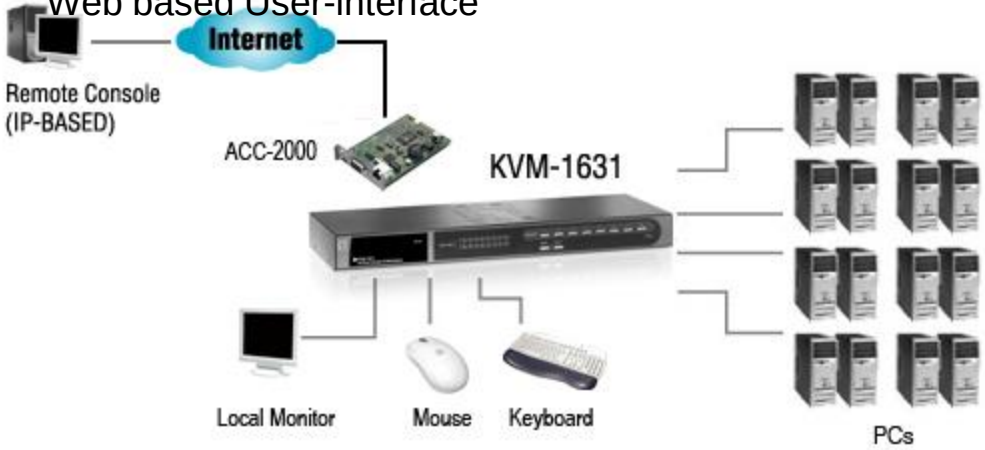
Package Contents

- KVM-0813
- Power Adapter
- 19" Rackmount Kit
- Rubber FeetUser
- Manual

KVM-1631 : 16-Port Combo KVM Switch w/ Expansion Slot

Key Features

- Control servers and computers either locally via control port or remotely via optional modules through the module expansion slot
- Features an expansion slot for flexible installation with optional module choices
- Flexible auto-scan mode for flexible PC monitoring
- Built-in daisy chain port for cascading with KVM-0830/0831 or KVM-1630/1631 up to 8 units
- High video display quality up to 1920x1440
- Support Windows, NetWare, Unix, Linux, Mac OS and Sun Microsystems
- Web based User-interface



Package Contents

- KVM1631
- Power Adapter DC 12V, 1.0A
- Rack Mount Kit
- Rubber Feet
- User Manual

LevelOne

Digital Signage

The LevelOne HVE-660 Series is an innovative HDMI-over-IP Video Wall Distribution Solution. Designed with transmitting units (HVE-6601T) and receiving units (HVE-6601R), it is exceptionally scalable, offering any combination up to 8 x 8 matrix video wall arrangement. The HVE-660 Series riches video wall connectivity options to public premises such as sports bars, cinemas, transport stations, or highly demanded monitoring sites such as emergency response centers, security organization, or traffic monitoring units.

SN	Photo	Product No.	Name
1		HVE-6601R	HDMI Video Wall over IP PoE Receiver
2		HVE-6601T	HDMI Video Wall over IP PoE Transmitter

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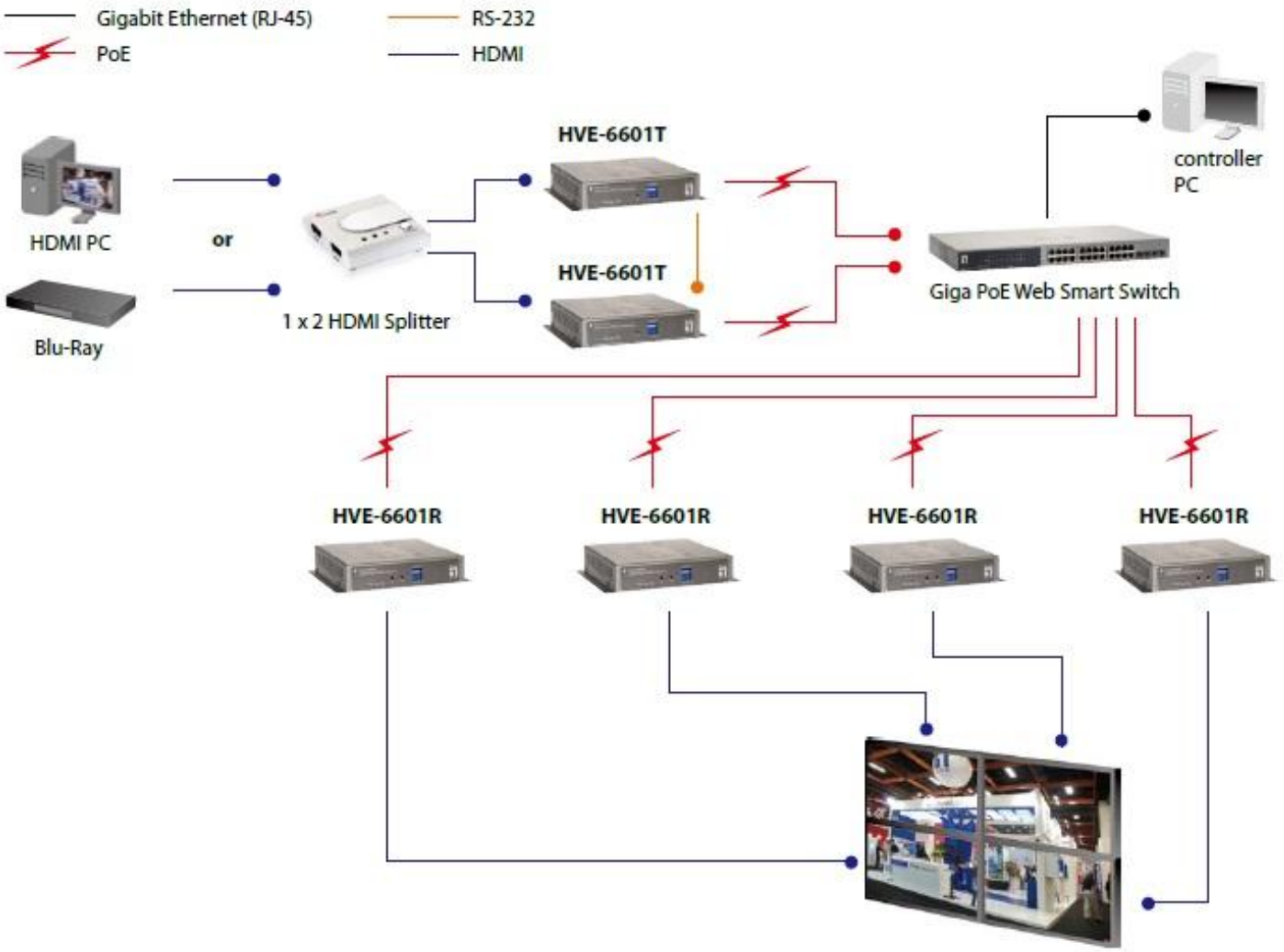
2x2 Video Wall Application : 2T+4R



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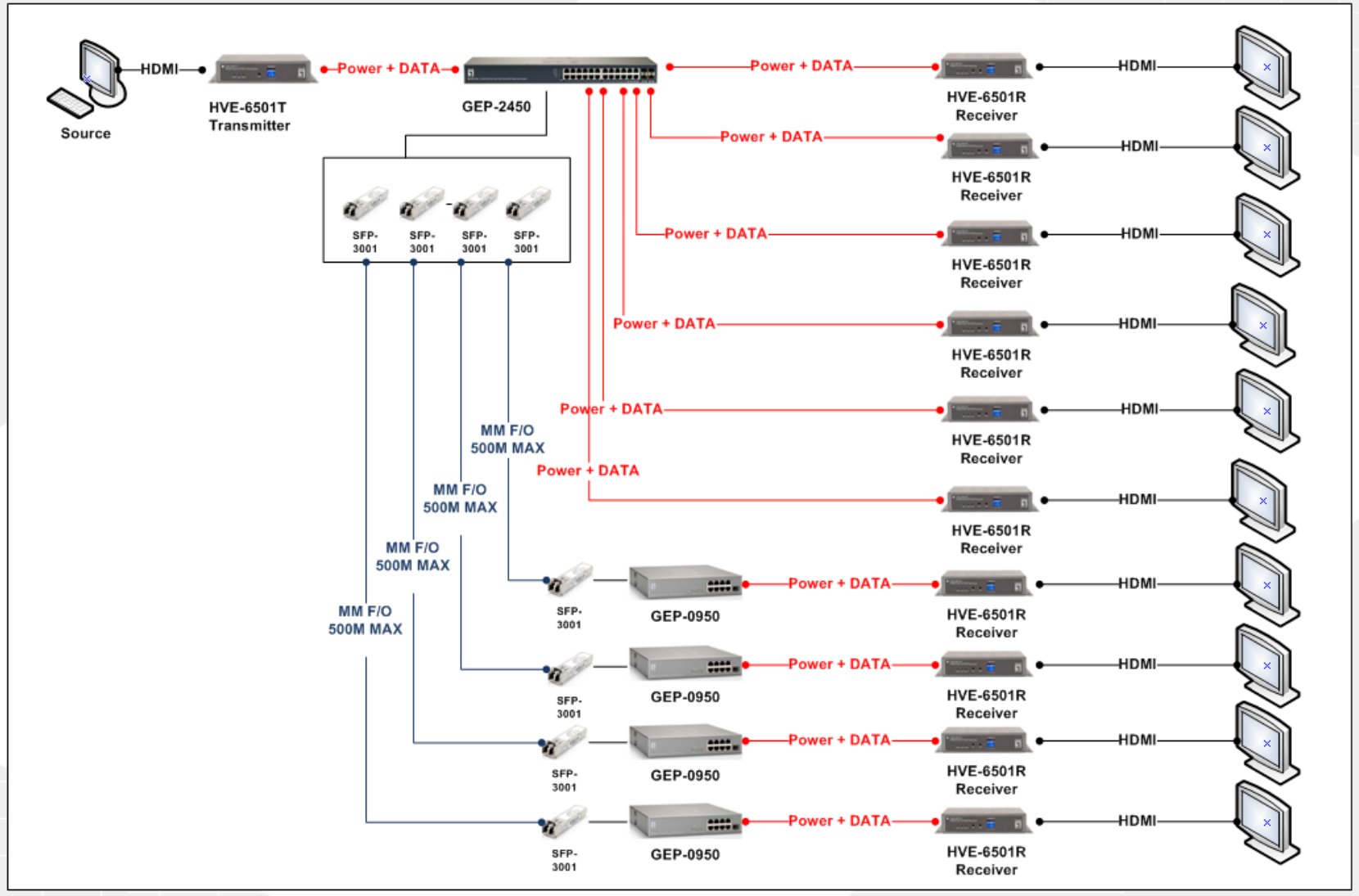

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RECAP

Professional
Security
Solutions

Audio and Video
Extenders

levelone

SITE REFERENCE

Indigo DISTRIBUTION

เมืองพัทยา

โครงการติดตั้งกล้องวงจรปิดพร้อมอุปกรณ์โครงข่าย และอุปกรณ์ประกอบบริเวณชุมชนเมืองพัทยา จำนวน 36 ชุมชน

หาดจอมเทียน

โครงการพัฒนาประสิทธิภาพการจราจรและเสริมสร้างความปลอดภัยบริเวณจอมเทียนสาย 2 และพื้นที่ใกล้เคียงเมืองพัทยา

เทศบาลตำบลแสนสุข

โครงการติดตั้งกล้องโทรทัศน์วงจรปิดพร้อมอุปกรณ์เทศบาลเมืองแสนสุข

เกาะล้าน

งานจ้างโครงการป้องกันชีวิตและทรัพย์สินของประชาชนและนักท่องเที่ยวโดยติดตั้งกล้อง CCTV เกาะล้าน

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MEGA BANGNA

ใช้ Network Switch LevelOne ในการควบคุมระบบกล้องวงจรปิดแบบ IP Camera จำนวนกว่า 300 ตัว ภายในศูนย์การค้า

SF CINEMA CITY

เอส เอฟ เวิลด์ ซีเนม่า , เอส เอฟ เอ็กซ์ ซีเนม่า และ **เอส เอฟ ซีเนม่า ซิตี้** รวมทั้งสิ้น **33** สาขา ใช้ Network Switch LevelOne ในการวางระบบหลักของแต่ละสาขา

YANMAR

ติดตั้งระบบกล้องวงจรปิด IP Cameraและ Network POE ของ LevelOne

MEGA
BANGNA

DTAC
makes it easy

HONDA
The Power of Dreams

SEACONSQUARE
TOT

LEAR.
CORPORATION

บางจาก
ผู้นำพลังงานทดแทน

THE CONTINENT
HOTEL BANGKOK

เมืองพัทยา
จังหวัดชลบุรี

ptt

SFC
SF CINEMA CITY

SIAM
CENTER

TOYOTA
MOTORS

FUTUREPARK

ThreeBond

NTT
docomo

LAND & HOUSES

The
IMPERIAL
BOAT HOUSE BEACH RESORT | KO SAMUI

Hilton
HOTELS & RESORTS

กองทัพบก
ROYAL THAI ARMY

โรงพยาบาลรามาธิบดี

YANMAR

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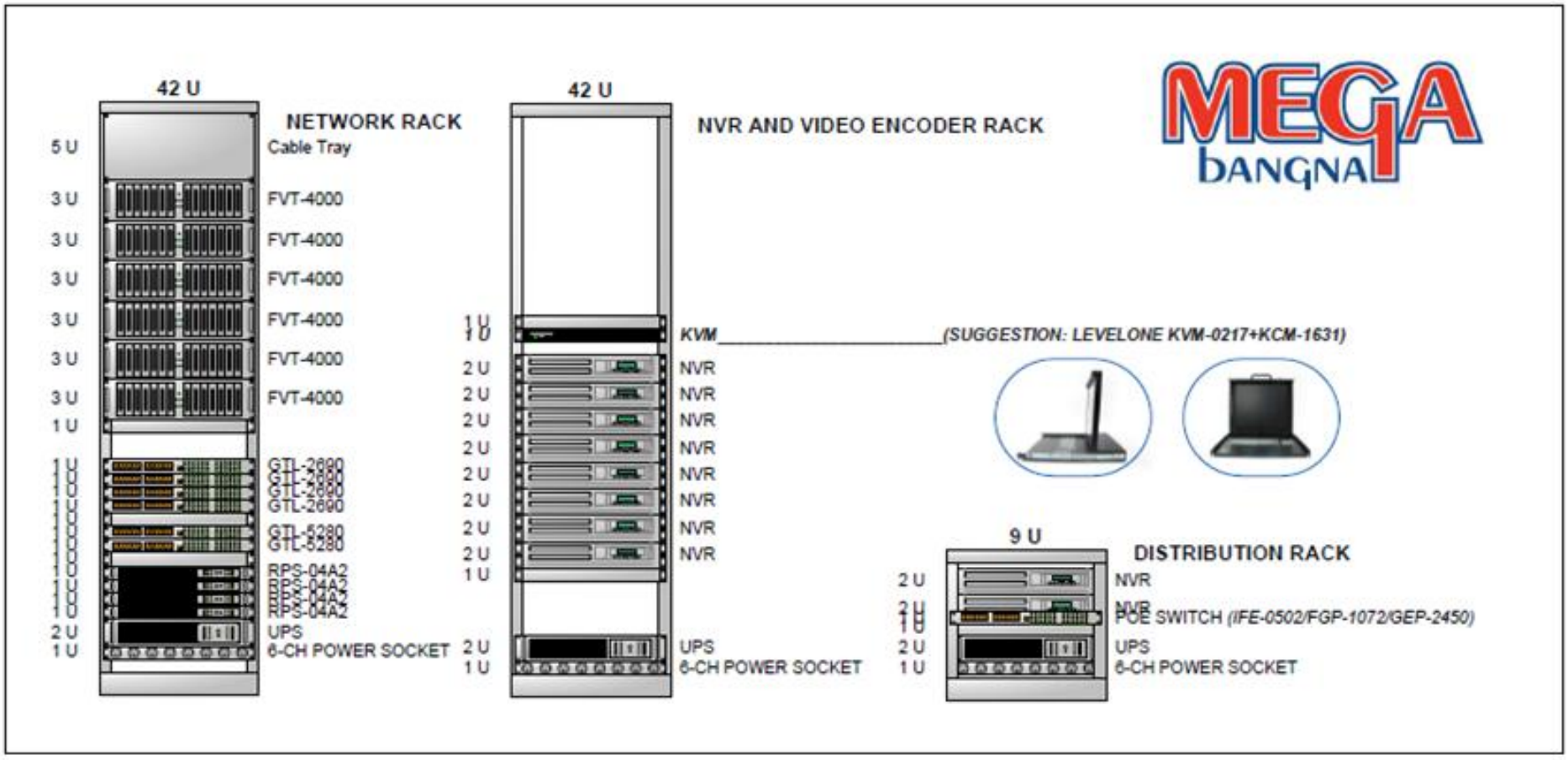

MEGA BANGNA

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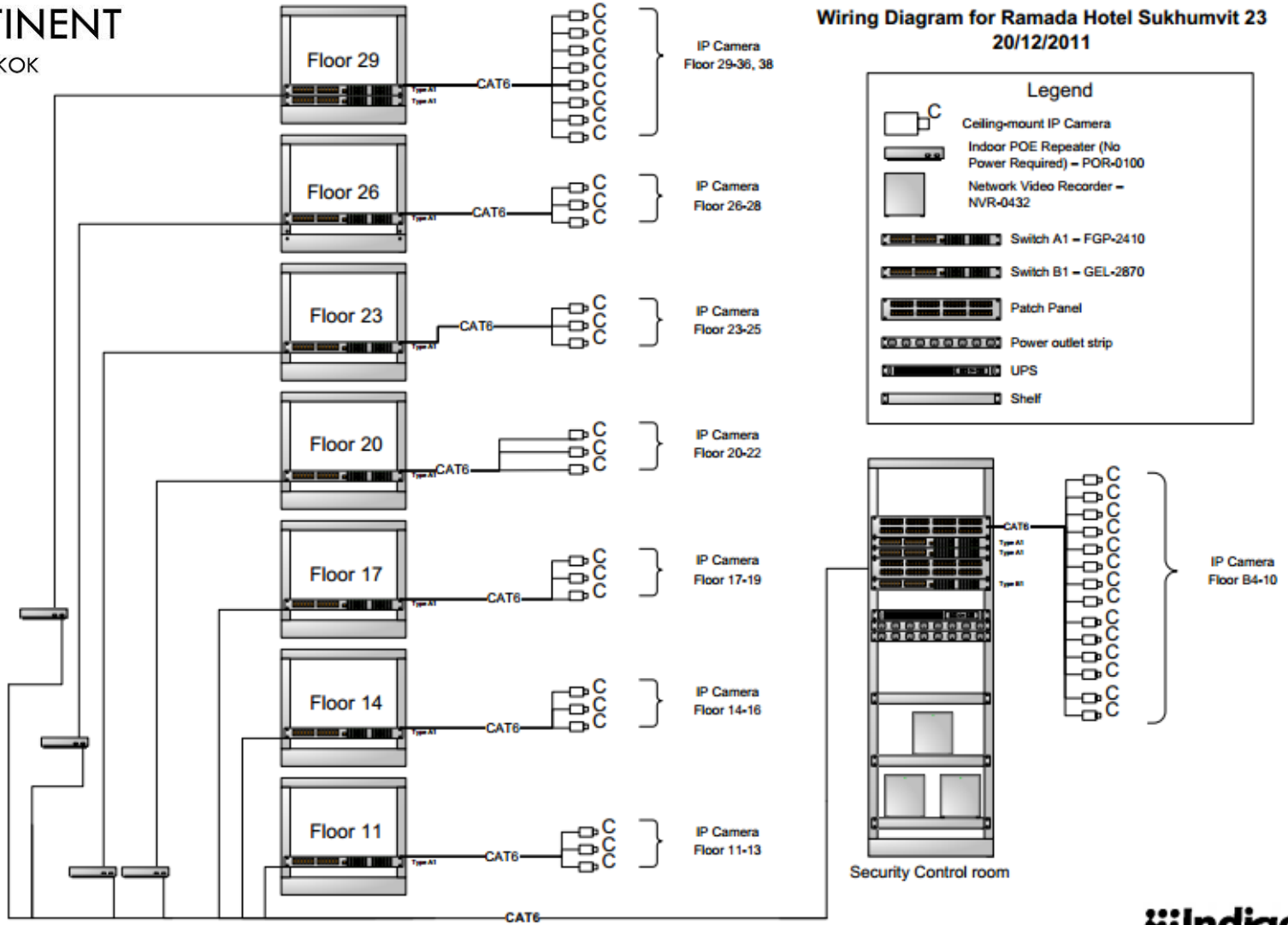
THE CONTINENT
HOTEL BANGKOK

Wiring Diagram for Ramada Hotel Sukhumvit 23
20/12/2011



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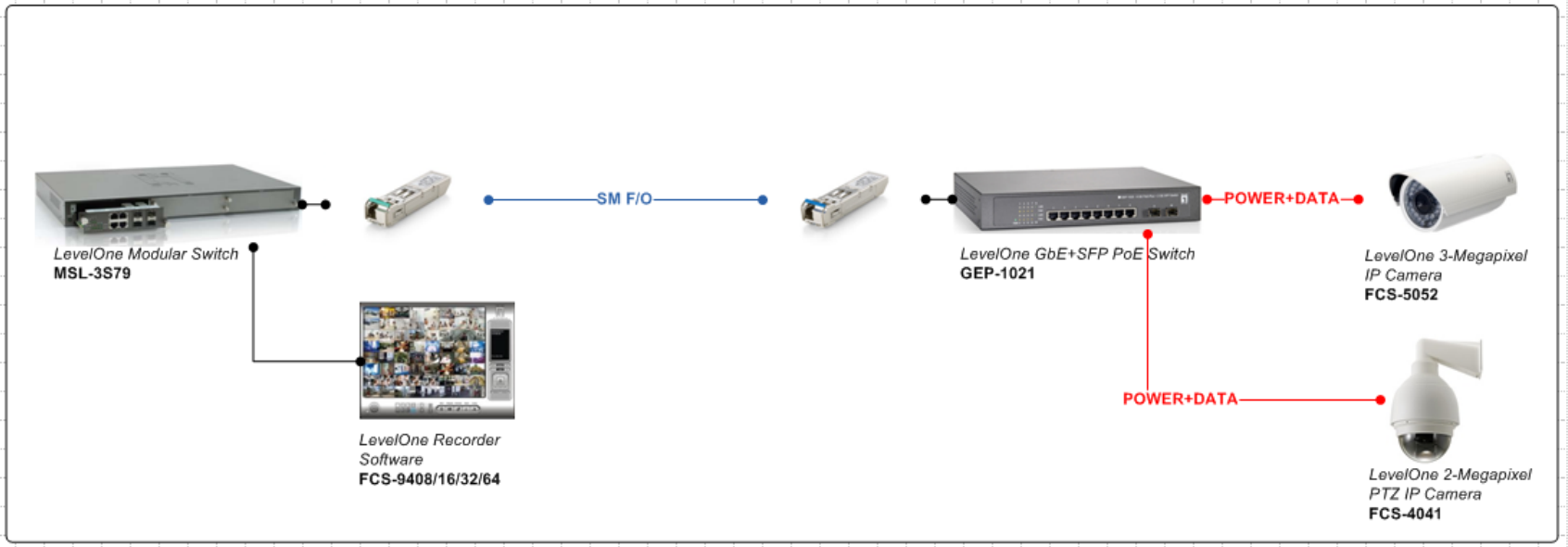
LEVELONE IP SURVEILLANCE WITH MODULAR SWITCH OVER FIBER OPTICS NETWORK



www.indigo.co.th

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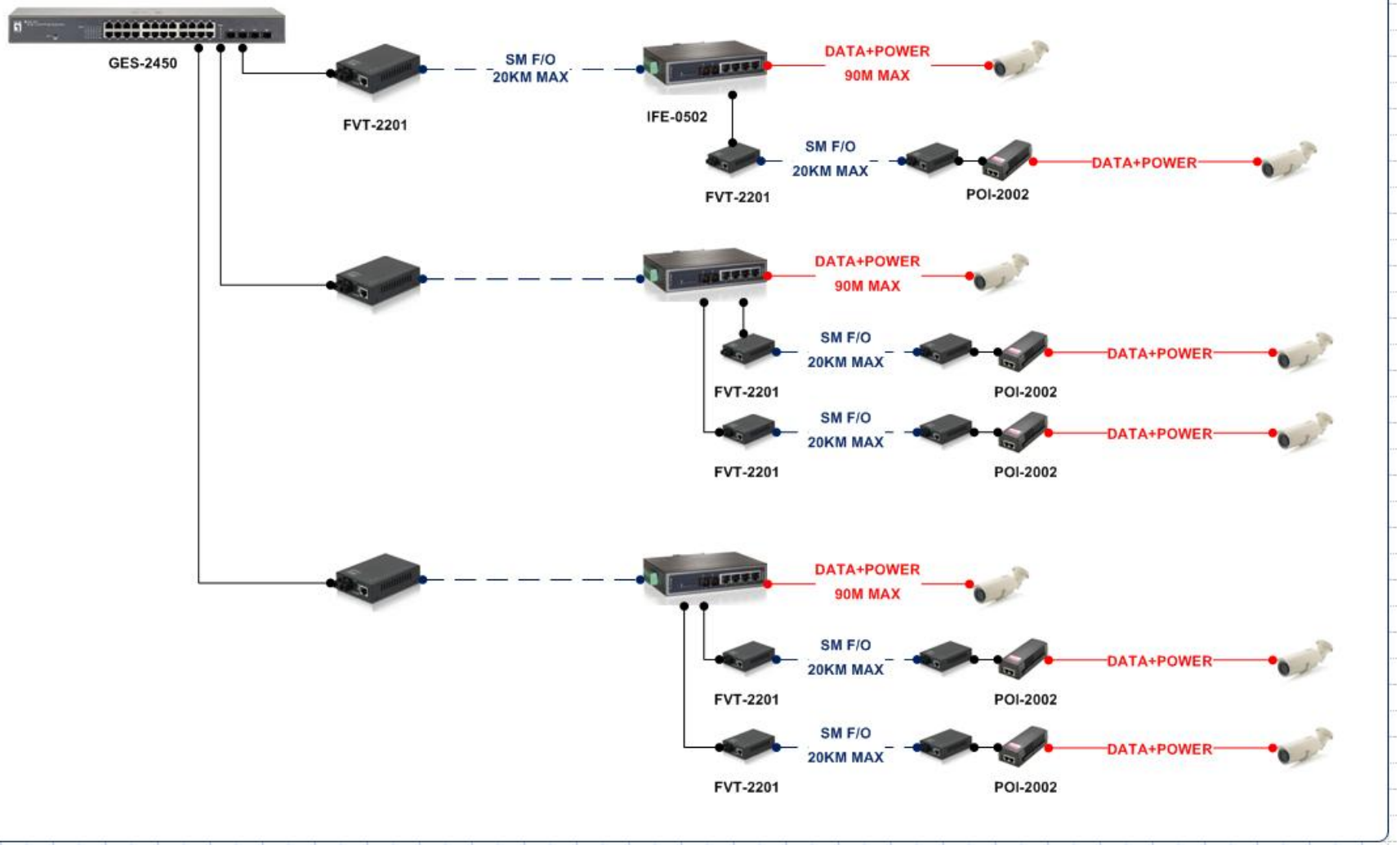
GES-2450
FVT-2201
SM F/O
20KM MAX
IFE-0502
DATA+POWER
90M MAX
FVT-2201
SM F/O
20KM MAX
POI-2002
DATA+POWER
DATA+POWER
90M MAX
FVT-2201
SM F/O
20KM MAX
POI-2002
DATA+POWER
FVT-2201
SM F/O
20KM MAX
POI-2002
DATA+POWER
DATA+POWER
90M MAX
FVT-2201
SM F/O
20KM MAX
POI-2002
DATA+POWER
FVT-2201
SM F/O
20KM MAX
POI-2002
DATA+POWER

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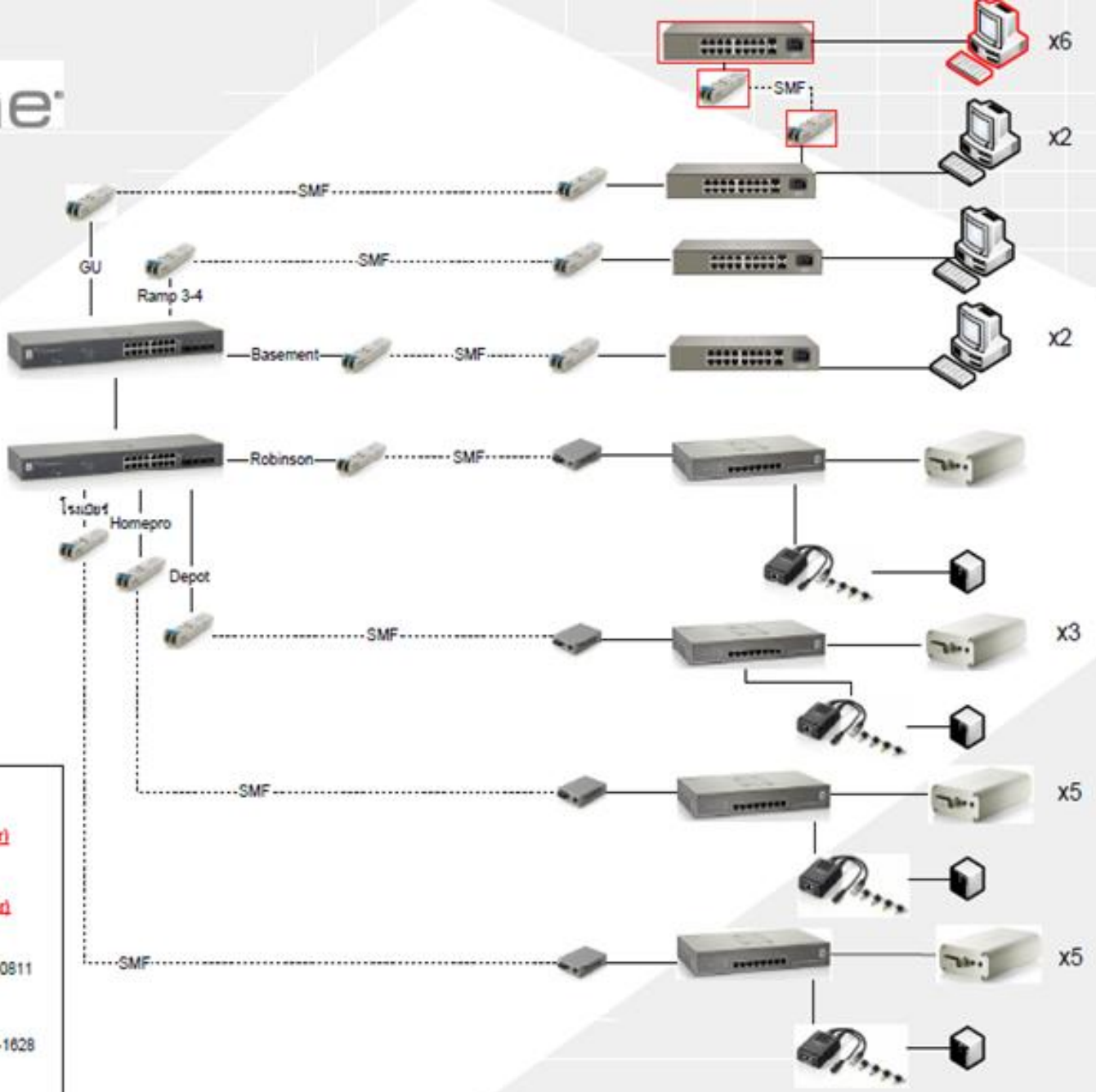
Project: Future Park
Date: 07/06/2012
Revised: 12/07/12



FUTUREPARK

LEGEND

FCS-7111		SFP-3211 (LC Connector)	
POS-1002		GVS-3110 (SC Connector)	
Comm Box		FEP-0811	
Carpark PC		GEU-1628	
GEU-1629			

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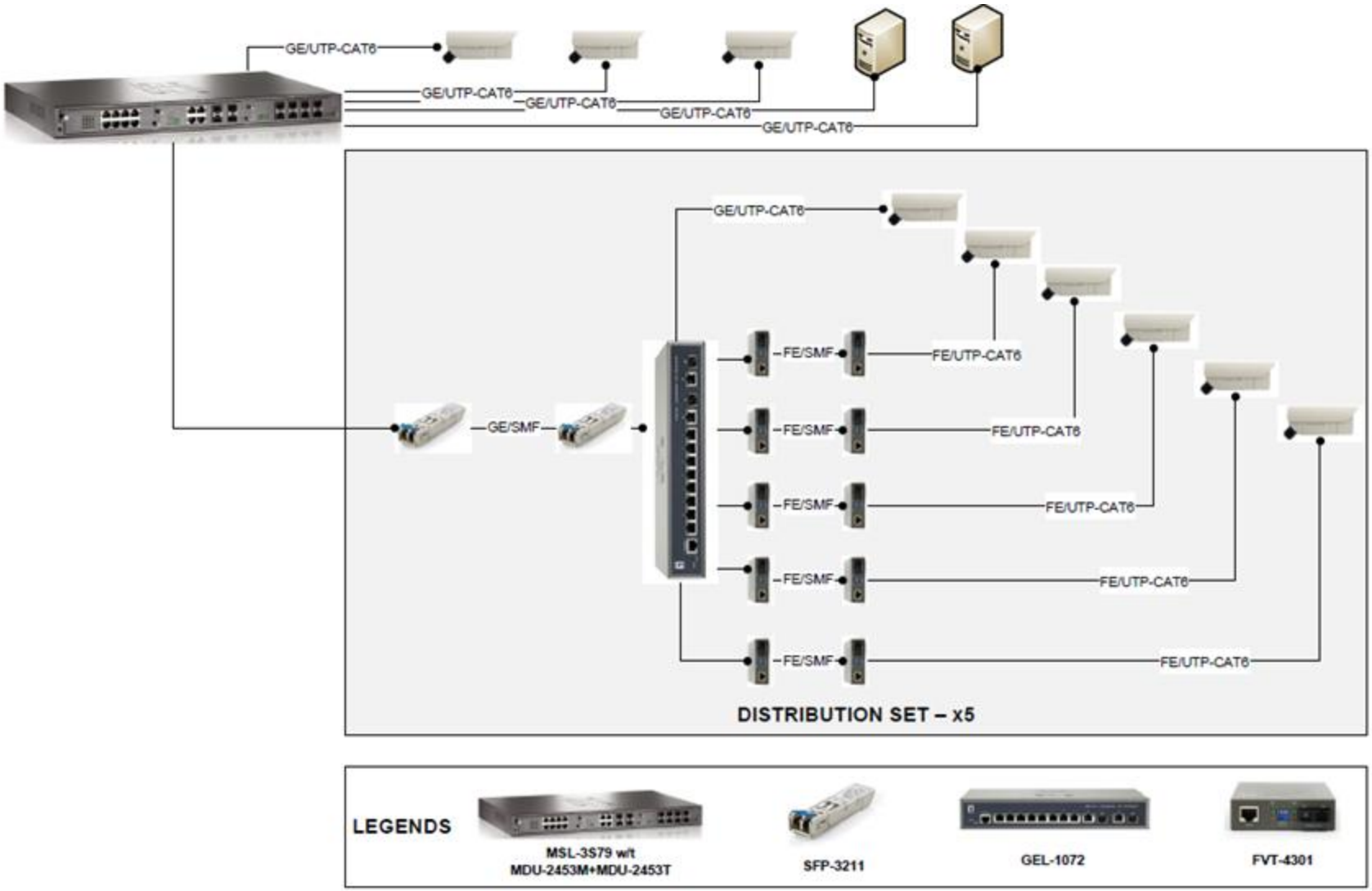
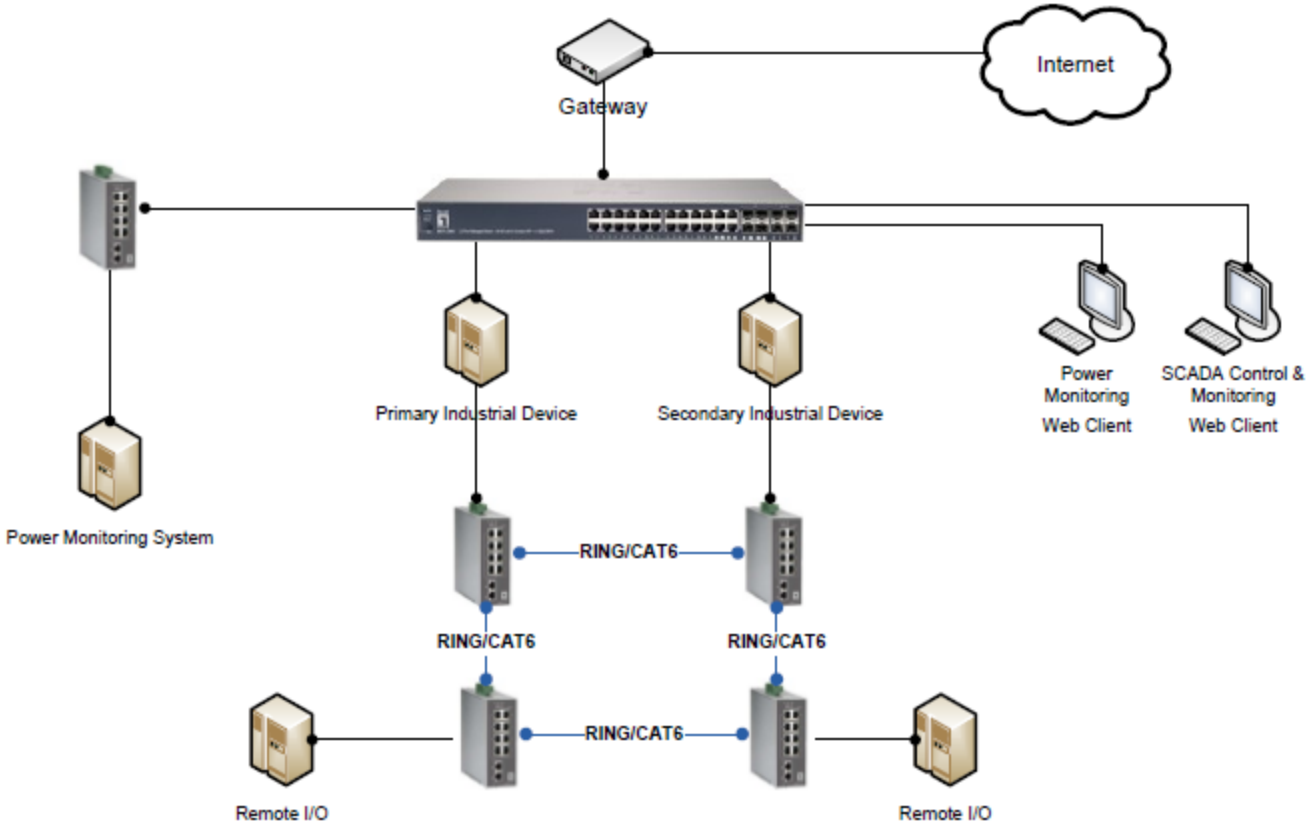
LAND & HOUSES



LevelOne Industrial Ring-Topology Switch Solutions

16-Aug-2012



LEGEND	
	LevelOne IES-1070 8 FE + 2 GE TX Managed Switch
	LevelOne GTL-2880 24 GE w/t 4 Combo SFP + 4 10GE SFP Plus L2 Plus Managed Switch

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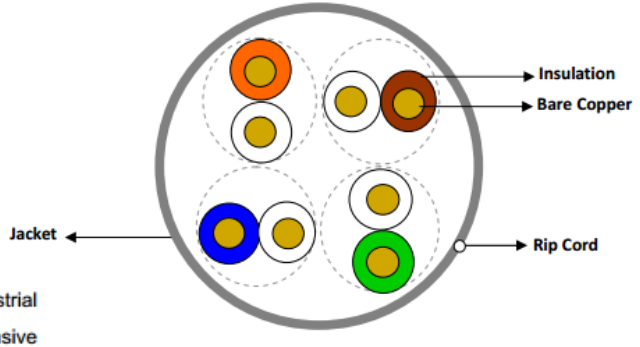
Cat.5e U/UTP Installation Cable

Specification

Conductor	Material	Bare Copper
	Construction	24AWG, 1/0.50 ± 0.015mm
Insulation	Material	HD-PE
	Thickness	MIN at any point: 0.10 mm / MAX AVG:0.20 mm
	Diameter	0.91 ± 0.01mm
	Colors	Blue-White/Blue, Orange-White/Orange, Green-White/Green, Brown-White/Brown
Jacket	Material	PVC
	Thickness	MIN at any point: 0.50mm / MAX AVG: 0.53mm
	Diameter	5.3 ± 0.3mm
	Colors	Beige
	Marking	equip CAT.5e U/UTP INSTALL CABLE E213738 CM (UL) C(UL) 4PR 24AWG ISO/IEC 11801 & EN50288 & TIA/EIA-568-B.2 3P VERIFIED xxxM



The equip® Installation Cable is made of preeminent materials and thoroughly examined to meet or surpass industrial standards defined by the EIA / TIA, ISO and EN standard bodies. The performance is guaranteed via a comprehensive test including attenuation, return loss, NEXT (Next End Crosstalk) and FEXT (Far End Crosstalk) up to 100MHz and hence the equip® Installation Cable serves well in the most demanding networking environments.

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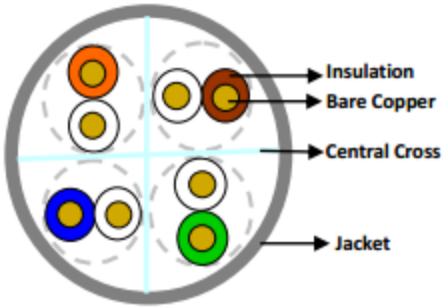
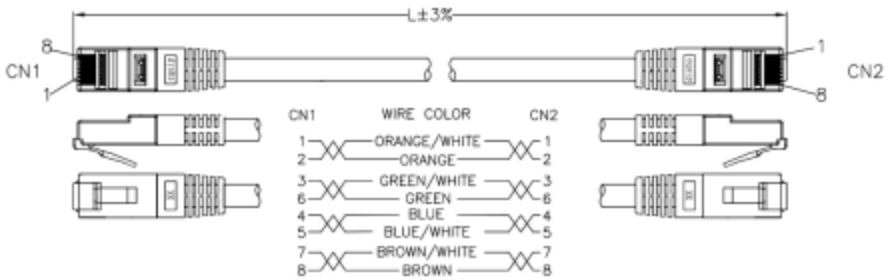
Cat.5e U/UTP Patch Cord
Cat.6 U/UTP Patch Cord

Structure





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